

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031912.D
 Acq On : 06 Oct 2022 11:25
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:12:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 13:10:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	64568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	102307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	7535	7.249	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	14.500%#		
35) Dibromofluoromethane	5.391	113	6141	5.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.900%#		
50) Toluene-d8	8.653	98	21185	5.288	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.580%#		
62) 4-Bromofluorobenzene	11.085	95	7120	4.926	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4357	5.513	ug/l	94
3) Chloromethane	1.288	50	5058	7.047	ug/l	97
4) Vinyl Chloride	1.374	62	5909	6.514	ug/l	95
5) Bromomethane	1.611	94	5250	6.513	ug/l	94
6) Chloroethane	1.685	64	5947	7.586	ug/l	98
7) Trichlorofluoromethane	1.886	101	10283	5.606	ug/l	99
8) Diethyl Ether	2.130	74	3558	5.677	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	5355	5.991	ug/l	91
10) Methyl Iodide	2.453	142	3787	4.278	ug/l	96
11) Tert butyl alcohol	3.014	59	4451m	28.338	ug/l	
12) 1,1-Dichloroethene	2.319	96	4854	5.741	ug/l	91
13) Acrolein	2.239	56	4027	43.662	ug/l	98
14) Allyl chloride	2.666	41	6865	7.323	ug/l	97
15) Acrylonitrile	3.068	53	13346	34.268	ug/l	99
16) Acetone	2.392	43	11402	37.053	ug/l	96
17) Carbon Disulfide	2.508	76	9845	5.839	ug/l	99
18) Methyl Acetate	2.709	43	7375	7.301	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	16679	6.340	ug/l	96
20) Methylene Chloride	2.788	84	6147	6.319	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	5789	6.152	ug/l	87
22) Diisopropyl ether	3.763	45	15649	7.158	ug/l	91
23) Vinyl Acetate	3.721	43	56331	34.615	ug/l	95
24) 1,1-Dichloroethane	3.605	63	9546	6.607	ug/l	98
25) 2-Butanone	4.562	43	17761	36.075	ug/l	99
26) 2,2-Dichloropropane	4.471	77	6190	5.726	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	6534	5.910	ug/l	85
28) Bromochloromethane	4.903	49	3741	6.376	ug/l #	77
29) Tetrahydrofuran	5.013	42	11328	36.683	ug/l	92
30) Chloroform	5.099	83	10751	6.178	ug/l	95
31) Cyclohexane	5.477	56	8362	6.805	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	8716	5.735	ug/l	98
36) 1,1-Dichloropropene	5.696	75	7518	5.593	ug/l	98
37) Ethyl Acetate	4.721	43	6985	6.470	ug/l	98
38) Carbon Tetrachloride	5.672	117	7101	4.586	ug/l	97
39) Methylcyclohexane	7.379	83	8731	5.111	ug/l	93
40) Benzene	6.044	78	21937	5.443	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031912.D
 Acq On : 06 Oct 2022 11:25
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:12:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 13:10:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	3598	6.401	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	8107	5.945	ug/l	95
43) Isopropyl Acetate	6.348	43	10382	6.280	ug/l	97
44) Trichloroethene	7.129	130	6305	4.733	ug/l	85
45) 1,2-Dichloropropane	7.434	63	5407	5.911	ug/l	99
46) Dibromomethane	7.586	93	4119	5.233	ug/l	95
47) Bromodichloromethane	7.824	83	6860	5.065	ug/l #	90
48) Methyl methacrylate	7.696	41	4960	6.275	ug/l	92
49) 1,4-Dioxane	7.696	88	2954	119.175	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	35643	31.992	ug/l	99
52) Toluene	8.720	92	14414	5.110	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	5509	4.461	ug/l #	88
54) cis-1,3-Dichloropropene	8.366	75	7133	5.031	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	6054	5.226	ug/l	96
56) Ethyl methacrylate	9.116	69	7364	5.373	ug/l	94
57) 1,3-Dichloropropane	9.311	76	9919	5.681	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	19470	28.268	ug/l	94
59) 2-Hexanone	9.433	43	26354	32.550	ug/l	99
60) Dibromochloromethane	9.519	129	4865	4.238	ug/l	97
61) 1,2-Dibromoethane	9.610	107	6083	4.986	ug/l	94
64) Tetrachloroethene	9.275	164	6028	4.619	ug/l	94
65) Chlorobenzene	10.079	112	16140	5.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	5191	4.827	ug/l	99
67) Ethyl Benzene	10.195	91	26974	5.386	ug/l	96
68) m/p-Xylenes	10.305	106	21774	10.419	ug/l	97
69) o-Xylene	10.640	106	10275	5.007	ug/l	98
70) Styrene	10.652	104	16084	4.972	ug/l	97
71) Bromoform	10.805	173	3116	4.013	ug/l #	97
73) Isopropylbenzene	10.963	105	27092	5.472	ug/l	99
74) N-amyl acetate	10.848	43	7235	6.134	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	8686	6.195	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	7438m	6.314	ug/l	
77) Bromobenzene	11.201	156	6419	4.878	ug/l	96
78) n-propylbenzene	11.305	91	30240	5.659	ug/l	100
79) 2-Chlorotoluene	11.366	91	18442	5.676	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	22059	5.368	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1476	4.961	ug/l #	67
82) 4-Chlorotoluene	11.457	91	21242	5.705	ug/l	98
83) tert-Butylbenzene	11.713	119	21906	5.332	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	22488	5.479	ug/l	99
85) sec-Butylbenzene	11.890	105	26911	5.385	ug/l	99
86) p-Isopropyltoluene	12.012	119	22443	5.136	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	12647	5.077	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	13023	5.079	ug/l	95
89) n-Butylbenzene	12.335	91	18382	5.514	ug/l	98
90) Hexachloroethane	12.536	117	2714	4.592	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	12751	5.119	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1503	5.968	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	7169	4.576	ug/l	99
94) Hexachlorobutadiene	13.725	225	2700	4.267	ug/l	97
95) Naphthalene	13.774	128	24114	4.787	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7048	4.468	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
Data File : VX031912.D
Acq On : 06 Oct 2022 11:25
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:12:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 13:10:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
Data File : VX031912.D
Acq On : 06 Oct 2022 11:25
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:12:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 13:10:59 2022
Response via : Initial Calibration

