

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031883.D
 Acq On : 05 Oct 2022 10:11
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 05 11:44:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 11:38:55 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	113670	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	161718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176697	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	9591	4.710	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.420%#		
35) Dibromofluoromethane	5.385	113	9297	4.839	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.680%#		
50) Toluene-d8	8.647	98	31711	4.614	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.220%#		
62) 4-Bromofluorobenzene	11.079	95	10855	4.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.780%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	6152	4.186	ug/l	93
3) Chloromethane	1.288	50	6146	3.990	ug/l	98
4) Vinyl Chloride	1.374	62	7994	4.074	ug/l	97
5) Bromomethane	1.611	94	8341	5.428	ug/l	94
6) Chloroethane	1.685	64	8475	4.315	ug/l	91
7) Trichlorofluoromethane	1.886	101	17020	4.250	ug/l	98
8) Diethyl Ether	2.130	74	5546	4.250	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	8234	4.760	ug/l #	83
10) Methyl Iodide	2.447	142	6269	3.860	ug/l	94
11) Tert butyl alcohol	2.946	59	7862m	27.730	ug/l	
12) 1,1-Dichloroethene	2.319	96	7369	4.639	ug/l	83
13) Acrolein	2.239	56	5226	31.133	ug/l	96
14) Allyl chloride	2.666	41	7628	3.762	ug/l #	96
15) Acrylonitrile	3.068	53	17168	23.182	ug/l	97
16) Acetone	2.392	43	14017	24.075	ug/l	100
17) Carbon Disulfide	2.508	76	14109	3.220	ug/l	96
18) Methyl Acetate	2.703	43	8865	4.654	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	23354	4.516	ug/l #	88
20) Methylene Chloride	2.788	84	8760	4.917	ug/l #	77
21) trans-1,2-Dichloroethene	3.093	96	8556	4.594	ug/l	85
22) Diisopropyl ether	3.757	45	18636	4.335	ug/l #	76
23) Vinyl Acetate	3.721	43	66687	20.735	ug/l #	86
24) 1,1-Dichloroethane	3.611	63	12763	4.417	ug/l	93
25) 2-Butanone	4.574	43	21814	23.344	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	9179	3.721	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	9839	4.544	ug/l	80
28) Bromochloromethane	4.903	49	4963	4.250	ug/l #	49
29) Tetrahydrofuran	5.019	42	13768	23.863	ug/l #	79
30) Chloroform	5.099	83	15881	4.594	ug/l	96
31) Cyclohexane	5.470	56	11009	4.539	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	13118	3.999	ug/l	93
36) 1,1-Dichloropropene	5.690	75	10794	4.531	ug/l	92
37) Ethyl Acetate	4.721	43	8602	4.770	ug/l #	93
38) Carbon Tetrachloride	5.672	117	12031	4.068	ug/l #	84
39) Methylcyclohexane	7.379	83	14145	4.840	ug/l	87
40) Benzene	6.037	78	33241	4.830	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031883.D
 Acq On : 05 Oct 2022 10:11
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/06/2022
 Supervised By :Mahesh Dadoda 10/06/2022

Quant Time: Oct 05 11:44:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 11:38:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	4073	4.156	ug/l #	78
42) 1,2-Dichloroethane	6.086	62	11077	4.594	ug/l	92
43) Isopropyl Acetate	6.348	43	12041	4.129	ug/l #	91
44) Trichloroethene	7.129	130	10746	4.833	ug/l	84
45) 1,2-Dichloropropane	7.427	63	7206	4.469	ug/l	91
46) Dibromomethane	7.586	93	6252	4.652	ug/l #	81
47) Bromodichloromethane	7.824	83	10172	3.782	ug/l #	99
48) Methyl methacrylate	7.702	41	5757	4.412	ug/l #	82
49) 1,4-Dioxane	7.708	88	4315	102.028	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	43236	23.622	ug/l	93
52) Toluene	8.720	92	23082	4.784	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	8339	3.251	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	10241	3.644	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	9147	4.756	ug/l	94
56) Ethyl methacrylate	9.122	69	9988	4.492	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	14073	4.712	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	26028	22.714	ug/l #	80
59) 2-Hexanone	9.433	43	31158	23.416	ug/l	87
60) Dibromochloromethane	9.525	129	8402	3.599	ug/l	97
61) 1,2-Dibromoethane	9.610	107	9633	4.511	ug/l	97
64) Tetrachloroethene	9.275	164	11326	5.127	ug/l	91
65) Chlorobenzene	10.079	112	26182	4.887	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	8629	4.184	ug/l	98
67) Ethyl Benzene	10.195	91	41880	4.749	ug/l	99
68) m/p-Xylenes	10.299	106	35696	9.804	ug/l	91
69) o-Xylene	10.640	106	17420	4.966	ug/l	91
70) Styrene	10.659	104	27115	4.756	ug/l	94
71) Bromoform	10.799	173	5645	3.255	ug/l #	99
73) Isopropylbenzene	10.963	105	44942	5.087	ug/l	100
74) N-amyl acetate	10.841	43	8997	4.348	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	12876	5.120	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	9422m	4.140	ug/l	
77) Bromobenzene	11.201	156	12117	5.200	ug/l	82
78) n-propylbenzene	11.305	91	47563	4.926	ug/l	95
79) 2-Chlorotoluene	11.366	91	29695	5.090	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	36724	4.978	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	1937m	2.922	ug/l	
82) 4-Chlorotoluene	11.457	91	33092	4.914	ug/l	92
83) tert-Butylbenzene	11.713	119	36393	4.881	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	37292	5.079	ug/l	97
85) sec-Butylbenzene	11.890	105	44379	4.944	ug/l	96
86) p-Isopropyltoluene	12.012	119	38398	4.901	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	22441	5.104	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	23425	5.101	ug/l	97
89) n-Butylbenzene	12.335	91	28509	4.607	ug/l	96
90) Hexachloroethane	12.542	117	4696	3.323	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	22888	5.198	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1996	3.775	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	13361	4.958	ug/l	98
94) Hexachlorobutadiene	13.725	225	5487	4.948	ug/l	99
95) Naphthalene	13.780	128	42673	5.084	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	13382	5.121	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
Data File : VX031883.D
Acq On : 05 Oct 2022 10:11
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/06/2022
Supervised By :Mahesh Dadoda 10/06/2022

Quant Time: Oct 05 11:44:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 05 11:38:55 2022
Response via : Initial Calibration

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

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

