

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028151.D
 Acq On : 19 Apr 2022 11:33
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 19 12:46:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 12:44:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	248279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407142	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	17312	5.134	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	10.260%#
35) Dibromofluoromethane	5.391	113	13915	5.142	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	10.280%#
50) Toluene-d8	8.653	98	53279	5.264	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	10.520%#
62) 4-Bromofluorobenzene	11.079	95	18348	4.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	9.660%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8065	3.537	ug/l	98
3) Chloromethane	1.294	50	9652	3.805	ug/l	90
4) Vinyl Chloride	1.374	62	12452	4.029	ug/l	99
5) Bromomethane	1.599	94	18697	5.505	ug/l	100
6) Chloroethane	1.678	64	11491	4.322	ug/l	98
7) Trichlorofluoromethane	1.886	101	29431	4.773	ug/l	99
8) Diethyl Ether	2.136	74	9943	4.246	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	9958	4.143	ug/l	95
10) Methyl Iodide	2.447	142	9565	3.385	ug/l	93
11) Tert butyl alcohol	2.965	59	20989	27.841	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	9706	4.125	ug/l	99
13) Acrolein	2.239	56	11370	24.882	ug/l	93
14) Allyl chloride	2.660	41	15089	3.600	ug/l #	85
15) Acrylonitrile	3.062	53	31687	20.083	ug/l	99
16) Acetone	2.380	43	26454	19.637	ug/l	90
17) Carbon Disulfide	2.508	76	24290	3.927	ug/l	99
18) Methyl Acetate	2.703	43	13648	3.773	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	36830	4.061	ug/l	99
20) Methylene Chloride	2.788	84	11993	4.404	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	12198	4.195	ug/l	96
22) Diisopropyl ether	3.763	45	36047	4.003	ug/l #	81
23) Vinyl Acetate	3.721	43	155800	19.551	ug/l	100
24) 1,1-Dichloroethane	3.611	63	21273	4.341	ug/l	97
25) 2-Butanone	4.562	43	47506	20.182	ug/l	91
26) 2,2-Dichloropropane	4.483	77	20118	4.362	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	15028	4.561	ug/l	93
28) Bromochloromethane	4.903	49	9529	4.501	ug/l	94
29) Tetrahydrofuran	5.007	42	30883	20.160	ug/l	95
30) Chloroform	5.099	83	25503	4.592	ug/l	99
31) Cyclohexane	5.470	56	19919	4.410	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	22778	4.514	ug/l	97
36) 1,1-Dichloropropene	5.696	75	18464	4.594	ug/l	93
37) Ethyl Acetate	4.714	43	18741	4.079	ug/l	99
38) Carbon Tetrachloride	5.678	117	18677	4.299	ug/l	99
39) Methylcyclohexane	7.385	83	22290	4.650	ug/l	97
40) Benzene	6.037	78	53189	4.542	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028151.D
 Acq On : 19 Apr 2022 11:33
 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 04/20/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 19 12:46:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 12:44:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	9819	4.015	ug/l	91
42) 1,2-Dichloroethane	6.086	62	20120	4.570	ug/l	97
43) Isopropyl Acetate	6.342	43	30563	4.004	ug/l	94
44) Trichloroethene	7.129	130	15129	4.810	ug/l	90
45) 1,2-Dichloropropane	7.427	63	13558	4.622	ug/l	99
46) Dibromomethane	7.586	93	9994	4.582	ug/l	96
47) Bromodichloromethane	7.824	83	18960	4.493	ug/l #	98
48) Methyl methacrylate	7.696	41	14112	4.028	ug/l #	86
49) 1,4-Dioxane	7.665	88	7522	94.442	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	99430	20.462	ug/l	92
52) Toluene	8.720	92	34820	4.433	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	19289	4.078	ug/l	91
54) cis-1,3-Dichloropropene	8.372	75	21916	4.444	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	14654	4.598	ug/l	97
56) Ethyl methacrylate	9.116	69	20125	4.058	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	24505	4.665	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	49363	21.891	ug/l	98
59) 2-Hexanone	9.433	43	77210	20.402	ug/l	88
60) Dibromochloromethane	9.518	129	14131	4.119	ug/l	96
61) 1,2-Dibromoethane	9.610	107	15253	4.363	ug/l	97
64) Tetrachloroethene	9.275	164	15135	4.731	ug/l	94
65) Chlorobenzene	10.079	112	41332	4.691	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	14098	4.321	ug/l	95
67) Ethyl Benzene	10.195	91	66862	4.336	ug/l	96
68) m/p-Xylenes	10.305	106	54470	8.429	ug/l	97
69) o-Xylene	10.646	106	26768	4.255	ug/l	99
70) Styrene	10.659	104	42248	3.911	ug/l	96
71) Bromoform	10.805	173	10207	3.775	ug/l #	99
73) Isopropylbenzene	10.963	105	68388	4.793	ug/l	100
74) N-amyl acetate	10.848	43	24359	4.111	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	22512	4.563	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	20983m	4.762	ug/l	
77) Bromobenzene	11.201	156	17373	4.942	ug/l	97
78) n-propylbenzene	11.305	91	76180	4.617	ug/l	98
79) 2-Chlorotoluene	11.366	91	48207	4.794	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	55949	4.535	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	5541	3.589	ug/l #	77
82) 4-Chlorotoluene	11.457	91	54746	4.644	ug/l	98
83) tert-Butylbenzene	11.713	119	58645	4.877	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	56362	4.656	ug/l	98
85) sec-Butylbenzene	11.890	105	69500	4.565	ug/l	99
86) p-Isopropyltoluene	12.012	119	59163	4.561	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	33384	4.872	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	35147	4.887	ug/l	95
89) n-Butylbenzene	12.335	91	47278	4.296	ug/l	100
90) Hexachloroethane	12.542	117	8077	3.736	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	32524	4.755	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4354	4.006	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	17288	4.513	ug/l	99
94) Hexachlorobutadiene	13.725	225	7845	4.993	ug/l	99
95) Naphthalene	13.774	128	59208	4.440	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	16941	4.452	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
Data File : VX028151.D
Acq On : 19 Apr 2022 11:33
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 04/20/2022
Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 19 12:46:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 12:44:52 2022
Response via : Initial Calibration

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

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

Manual Integrations APPROVED

Quant Time: Apr 19 12:46:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 12:44:52 2022
Response via : Initial Calibration

