

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
 Data File : VX028474.D
 Acq On : 02 May 2022 15:39
 Operator : JC/MD
 Sample : VX0502WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

Quant Time: May 03 04:51:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	293302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	483719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	452300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	237127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198709	51.959	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.920%			
35) Dibromofluoromethane	5.391	113	175621	51.771	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.540%			
50) Toluene-d8	8.653	98	618776	47.492	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.980%			
62) 4-Bromofluorobenzene	11.085	95	234332	47.038	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47085	24.869	ug/l	99
3) Chloromethane	1.294	50	46141	22.864	ug/l	97
4) Vinyl Chloride	1.374	62	56337	19.053	ug/l	100
5) Bromomethane	1.599	94	74388	23.977	ug/l	99
6) Chloroethane	1.684	64	40634	17.067	ug/l	98
7) Trichlorofluoromethane	1.886	101	105507	16.181	ug/l	99
8) Diethyl Ether	2.130	74	43202	20.195	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	53849	22.672	ug/l	98
10) Methyl Iodide	2.453	142	63326	22.689	ug/l	96
11) Tert butyl alcohol	2.959	59	95342	125.222	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	49672	22.036	ug/l	95
13) Acrolein	2.233	56	37032	79.012	ug/l	97
14) Allyl chloride	2.666	41	72868	19.265	ug/l	93
15) Acrylonitrile	3.062	53	175279	112.468	ug/l	98
16) Acetone	2.379	43	147425	125.518	ug/l	95
17) Carbon Disulfide	2.514	76	93414	15.389	ug/l	99
18) Methyl Acetate	2.703	43	78245	23.011	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	200883	21.371	ug/l	98
20) Methylene Chloride	2.788	84	63421	22.351	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	56784	18.524	ug/l	92
22) Diisopropyl ether	3.763	45	177842	20.644	ug/l	91
23) Vinyl Acetate	3.721	43	778912	103.493	ug/l	100
24) 1,1-Dichloroethane	3.611	63	103999	20.445	ug/l	99
25) 2-Butanone	4.556	43	242431	107.038	ug/l	98
26) 2,2-Dichloropropane	4.477	77	83898	16.893	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	74246	20.312	ug/l	93
28) Bromochloromethane	4.903	49	50558	23.167	ug/l	90
29) Tetrahydrofuran	5.007	42	153894	104.208	ug/l	100
30) Chloroform	5.098	83	121773	19.934	ug/l	99
31) Cyclohexane	5.470	56	79497	17.062	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	103591	18.727	ug/l	98
36) 1,1-Dichloropropene	5.702	75	78604	17.764	ug/l	97
37) Ethyl Acetate	4.714	43	92475	20.596	ug/l	99
38) Carbon Tetrachloride	5.684	117	88088	17.634	ug/l	97
39) Methylcyclohexane	7.385	83	88469	15.846	ug/l	95
40) Benzene	6.043	78	246755	19.050	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48947	21.130	ug/l	97
42) 1,2-Dichloroethane	6.092	62	93922	19.534	ug/l	99
43) Isopropyl Acetate	6.342	43	140067	19.168	ug/l	98
44) Trichloroethene	7.129	130	73016	19.439	ug/l	96
45) 1,2-Dichloropropane	7.433	63	62273	19.641	ug/l	98
46) Dibromomethane	7.586	93	49390	19.859	ug/l	98
47) Bromodichloromethane	7.824	83	90960	19.029	ug/l	97
48) Methyl methacrylate	7.696	41	68137	20.310	ug/l	92
49) 1,4-Dioxane	7.659	88	35512	395.678	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	488426	104.160	ug/l	97
52) Toluene	8.720	92	167399	18.602	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	90027	17.721	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	99691	18.274	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	74387	20.345	ug/l	98
56) Ethyl methacrylate	9.116	69	106063	20.012	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	117539	19.917	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	259557	104.378	ug/l	95
59) 2-Hexanone	9.433	43	378619	104.236	ug/l	95
60) Dibromochloromethane	9.525	129	73392	18.413	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78738	19.630	ug/l	97
64) Tetrachloroethene	9.275	164	67581	19.129	ug/l	96
65) Chlorobenzene	10.079	112	193055	20.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	70830	19.717	ug/l	100
67) Ethyl Benzene	10.195	91	317100	19.610	ug/l	98
68) m/p-Xylenes	10.305	106	254785	38.714	ug/l	98
69) o-Xylene	10.646	106	127181	19.383	ug/l	97
70) Styrene	10.658	104	214075	20.138	ug/l	98
71) Bromoform	10.799	173	53167	18.467	ug/l #	100
73) Isopropylbenzene	10.963	105	328350	20.146	ug/l	100
74) N-amyl acetate	10.847	43	117563	20.869	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	118499	22.405	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	104399m	22.371	ug/l	
77) Bromobenzene	11.201	156	87080	20.515	ug/l	89
78) n-propylbenzene	11.305	91	363461	20.111	ug/l	97
79) 2-Chlorotoluene	11.366	91	227023	20.205	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	275145	19.887	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	27887	17.758	ug/l #	84
82) 4-Chlorotoluene	11.457	91	256645	19.829	ug/l	96
83) tert-Butylbenzene	11.719	119	276799	19.593	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	280139	20.370	ug/l	98
85) sec-Butylbenzene	11.890	105	334183	19.607	ug/l	99
86) p-Isopropyltoluene	12.012	119	283454	19.277	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	160380	20.108	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	163814	19.561	ug/l	100
89) n-Butylbenzene	12.335	91	226884	18.792	ug/l	97
90) Hexachloroethane	12.542	117	42648	17.349	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	163185	20.596	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24851	21.128	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	94936	20.145	ug/l	99
94) Hexachlorobutadiene	13.725	225	38294	18.211	ug/l	97
95) Naphthalene	13.780	128	344928	21.972	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	95043	20.547	ug/l	97

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

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