

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050622\
 Data File : VX028542.D
 Acq On : 06 May 2022 12:16
 Operator : JC/MD
 Sample : VX0506WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 07 05:59:44 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	288852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197154	52.347	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.700%			
35) Dibromofluoromethane	5.385	113	176320	55.698	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.400%			
50) Toluene-d8	8.653	98	610614	50.221	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.440%			
62) 4-Bromofluorobenzene	11.079	95	235704	50.701	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	42286	22.678	ug/l	99
3) Chloromethane	1.294	50	42106	21.000	ug/l	98
4) Vinyl Chloride	1.374	62	50512	17.346	ug/l	100
5) Bromomethane	1.605	94	60573	18.130	ug/l	97
6) Chloroethane	1.685	64	37845	15.953	ug/l	98
7) Trichlorofluoromethane	1.886	101	96257	14.990	ug/l	97
8) Diethyl Ether	2.136	74	37992	17.677	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	52630	22.500	ug/l	98
10) Methyl Iodide	2.453	142	56300	20.992	ug/l	99
11) Tert butyl alcohol	2.959	59	67876	87.655	ug/l	98
12) 1,1-Dichloroethene	2.319	96	45246	20.382	ug/l	96
13) Acrolein	2.233	56	57750	125.114	ug/l	98
14) Allyl chloride	2.666	41	66460	17.842	ug/l	92
15) Acrylonitrile	3.062	53	160601	104.637	ug/l	99
16) Acetone	2.380	43	129683	111.963	ug/l	93
17) Carbon Disulfide	2.514	76	91610	15.324	ug/l	99
18) Methyl Acetate	2.703	43	69593	20.782	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189588	20.481	ug/l	98
20) Methylene Chloride	2.788	84	58562	20.956	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	52584	17.418	ug/l	91
22) Diisopropyl ether	3.757	45	164816	19.427	ug/l #	81
23) Vinyl Acetate	3.721	43	705248	95.149	ug/l	100
24) 1,1-Dichloroethane	3.611	63	97086	19.380	ug/l	99
25) 2-Butanone	4.556	43	209839	94.075	ug/l	99
26) 2,2-Dichloropropane	4.477	77	77816	15.910	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	67425	18.730	ug/l	92
28) Bromochloromethane	4.903	49	48510	22.571	ug/l	91
29) Tetrahydrofuran	5.007	42	130639	89.824	ug/l	99
30) Chloroform	5.092	83	113778	18.912	ug/l	93
31) Cyclohexane	5.470	56	71166	15.509	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	95438	17.519	ug/l	99
36) 1,1-Dichloropropene	5.696	75	73455	17.789	ug/l	99
37) Ethyl Acetate	4.714	43	80193	19.139	ug/l	100
38) Carbon Tetrachloride	5.678	117	82807	17.764	ug/l	100
39) Methylcyclohexane	7.385	83	81734	15.687	ug/l	96
40) Benzene	6.043	78	226842	18.767	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	42844	19.819	ug/l	99
42) 1,2-Dichloroethane	6.092	62	84644	18.865	ug/l	100
43) Isopropyl Acetate	6.342	43	127704	18.727	ug/l	98
44) Trichloroethene	7.129	130	66381	18.938	ug/l	96
45) 1,2-Dichloropropane	7.433	63	58949	19.924	ug/l	97
46) Dibromomethane	7.580	93	45996	19.818	ug/l	97
47) Bromodichloromethane	7.824	83	86012	19.282	ug/l	96
48) Methyl methacrylate	7.696	41	59951	19.149	ug/l	93
49) 1,4-Dioxane	7.665	88	31003	370.169	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	427467	97.686	ug/l	97
52) Toluene	8.720	92	151878	18.086	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	82748	17.455	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	92422	18.155	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	69077	20.246	ug/l	97
56) Ethyl methacrylate	9.116	69	95435	19.296	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	109467	19.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	229627	98.953	ug/l	95
59) 2-Hexanone	9.433	43	328550	96.927	ug/l	95
60) Dibromochloromethane	9.525	129	71837	19.313	ug/l	97
61) 1,2-Dibromoethane	9.610	107	72561	19.385	ug/l	99
64) Tetrachloroethene	9.275	164	63261	19.238	ug/l	97
65) Chlorobenzene	10.079	112	175608	19.564	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	67163	20.086	ug/l	99
67) Ethyl Benzene	10.195	91	293181	19.479	ug/l	98
68) m/p-Xylenes	10.305	106	234909	38.348	ug/l	96
69) o-Xylene	10.640	106	117314	19.208	ug/l	97
70) Styrene	10.659	104	196552	19.865	ug/l	99
71) Bromoform	10.799	173	51918	19.199	ug/l	98
73) Isopropylbenzene	10.963	105	304993	19.810	ug/l	100
74) N-amyl acetate	10.841	43	107333	20.170	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	111776	22.373	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96349m	21.856	ug/l	
77) Bromobenzene	11.201	156	79635	19.861	ug/l	92
78) n-propylbenzene	11.305	91	343661	20.130	ug/l	99
79) 2-Chlorotoluene	11.366	91	207301	19.531	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	257168	19.678	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	25223	17.003	ug/l #	84
82) 4-Chlorotoluene	11.457	91	240017	19.631	ug/l	95
83) tert-Butylbenzene	11.719	119	263103	19.715	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	256542	19.747	ug/l	98
85) sec-Butylbenzene	11.890	105	313526	19.473	ug/l	99
86) p-Isopropyltoluene	12.012	119	265785	19.135	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	151410	20.096	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	153901	19.455	ug/l	99
89) n-Butylbenzene	12.335	91	215724	18.915	ug/l	99
90) Hexachloroethane	12.542	117	42988	18.390	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	157938	21.102	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22662	20.396	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	94369	21.199	ug/l	99
94) Hexachlorobutadiene	13.725	225	40165	20.220	ug/l	93
95) Naphthalene	13.780	128	326220	21.998	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	95002	21.742	ug/l	96

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

