

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026370.D
 Acq On : 06 Jan 2022 13:58
 Operator : JC/MD
 Sample : VX0106WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/07/2022
 Supervised By :Mahesh Dadoda 01/07/2022

Quant Time: Jan 07 04:12:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80239	53.410	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.820%			
35) Dibromofluoromethane	5.385	113	59629	53.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.880%			
50) Toluene-d8	8.647	98	210975	50.834	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.079	95	80101	54.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	21581	19.788	ug/l	97
3) Chloromethane	1.294	50	19775	15.577	ug/l	96
4) Vinyl Chloride	1.380	62	22456	16.807	ug/l	99
5) Bromomethane	1.618	94	10955	13.286	ug/l	99
6) Chloroethane	1.691	64	13936	14.833	ug/l	99
7) Trichlorofluoromethane	1.892	101	37540	16.311	ug/l	94
8) Diethyl Ether	2.136	74	14055	17.777	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	23301	19.204	ug/l	99
10) Methyl Iodide	2.459	142	20797	13.254	ug/l	98
11) Tert butyl alcohol	2.983	59	23758m	79.177	ug/l	
12) 1,1-Dichloroethene	2.325	96	22024	19.153	ug/l	93
13) Acrolein	2.239	56	10179	94.868	ug/l	98
14) Allyl chloride	2.666	41	41169	18.117	ug/l	97
15) Acrylonitrile	3.069	53	65593	88.291	ug/l	99
16) Acetone	2.386	43	73620	90.445	ug/l	95
17) Carbon Disulfide	2.514	76	58775	17.810	ug/l	100
18) Methyl Acetate	2.703	43	47260	17.900	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	84859	21.128	ug/l	99
20) Methylene Chloride	2.794	84	24596	18.299	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	23620	18.829	ug/l	90
22) Diisopropyl ether	3.757	45	86506	19.945	ug/l	95
23) Vinyl Acetate	3.721	43	332150	96.442	ug/l	98
24) 1,1-Dichloroethane	3.611	63	46360	19.723	ug/l	99
25) 2-Butanone	4.556	43	99619	87.858	ug/l	97
26) 2,2-Dichloropropane	4.477	77	33459	18.893	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	28161	19.732	ug/l	93
28) Bromochloromethane	4.898	49	20745	19.912	ug/l	91
29) Tetrahydrofuran	5.007	42	61567	86.147	ug/l	95
30) Chloroform	5.093	83	48427	19.479	ug/l	98
31) Cyclohexane	5.471	56	41439	19.369	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	42878	19.839	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35291	19.610	ug/l	99
37) Ethyl Acetate	4.715	43	37791	18.111	ug/l	99
38) Carbon Tetrachloride	5.678	117	36713	18.340	ug/l	97
39) Methylcyclohexane	7.385	83	40667	20.033	ug/l	94
40) Benzene	6.038	78	98864	19.249	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22250	18.882	ug/l	94
42) 1,2-Dichloroethane	6.086	62	40982	19.716	ug/l	98
43) Isopropyl Acetate	6.336	43	63477	18.665	ug/l	98
44) Trichloroethene	7.129	130	28551	20.659	ug/l	95
45) 1,2-Dichloropropane	7.434	63	25508	19.416	ug/l	100
46) Dibromomethane	7.580	93	17883	18.352	ug/l	99
47) Bromodichloromethane	7.818	83	36494	18.408	ug/l	95
48) Methyl methacrylate	7.690	41	31108	19.073	ug/l	92
49) 1,4-Dioxane	7.684	88	8796	292.645	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	192601	91.006	ug/l	99
52) Toluene	8.720	92	60992	19.289	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	33143	17.017	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	38302	18.279	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	24601	18.931	ug/l	98
56) Ethyl methacrylate	9.116	69	40604	20.259	ug/l	96
57) 1,3-Dichloropropane	9.311	76	43443	19.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	94106	94.207	ug/l	97
59) 2-Hexanone	9.427	43	146043	91.100	ug/l	98
60) Dibromochloromethane	9.519	129	25052	17.017	ug/l	98
61) 1,2-Dibromoethane	9.610	107	26217	18.855	ug/l	99
64) Tetrachloroethene	9.275	164	28263	22.706	ug/l	97
65) Chlorobenzene	10.079	112	64187	19.809	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24018	19.452	ug/l	99
67) Ethyl Benzene	10.195	91	117403	20.264	ug/l	99
68) m/p-Xylenes	10.305	106	88730	41.017	ug/l	93
69) o-Xylene	10.640	106	43653	20.624	ug/l	94
70) Styrene	10.659	104	71340	20.560	ug/l	97
71) Bromoform	10.799	173	15848	15.822	ug/l #	99
73) Isopropylbenzene	10.963	105	115476	21.801	ug/l	97
74) N-amyl acetate	10.842	43	48984	20.140	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	32105	17.822	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32670m	19.862	ug/l	
77) Bromobenzene	11.201	156	26165	20.830	ug/l	93
78) n-propylbenzene	11.305	91	131086	21.525	ug/l	98
79) 2-Chlorotoluene	11.366	91	80291	21.418	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	95955	21.830	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7022	12.351	ug/l #	69
82) 4-Chlorotoluene	11.457	91	92661	21.886	ug/l	94
83) tert-Butylbenzene	11.713	119	90596	21.234	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	95742	21.799	ug/l	97
85) sec-Butylbenzene	11.890	105	115427	21.679	ug/l	98
86) p-Isopropyltoluene	12.012	119	96933	21.839	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	49020	20.788	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	48940	19.358	ug/l	98
89) n-Butylbenzene	12.335	91	82709	20.968	ug/l	99
90) Hexachloroethane	12.542	117	13375	15.087	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	47293	19.334	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7537	16.344	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	29196	20.198	ug/l	98
94) Hexachlorobutadiene	13.725	225	12493	20.816	ug/l	98
95) Naphthalene	13.780	128	105418	20.016	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29564	20.102	ug/l	99

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

