

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025265.D
 Acq On : 23 Nov 2021 11:24
 Operator : JC/MD
 Sample : VX1123WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 23 15:18:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161142	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58854	52.988	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.980%			
35) Dibromofluoromethane	5.385	113	53147	53.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.500%			
50) Toluene-d8	8.647	98	200447	53.921	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.840%			
62) 4-Bromofluorobenzene	11.079	95	73909	52.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21779	23.843	ug/l	99
3) Chloromethane	1.294	50	23363	20.657	ug/l	99
4) Vinyl Chloride	1.374	62	25800	20.777	ug/l	98
5) Bromomethane	1.599	94	17737	33.224	ug/l	96
6) Chloroethane	1.685	64	16338	19.069	ug/l	96
7) Trichlorofluoromethane	1.886	101	38116	20.681	ug/l	99
8) Diethyl Ether	2.136	74	15399	20.245	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	21845	22.276	ug/l	97
10) Methyl Iodide	2.453	142	22339	18.219	ug/l	92
11) Tert butyl alcohol	2.959	59	27887	95.992	ug/l	96
12) 1,1-Dichloroethene	2.319	96	20500	20.990	ug/l	89
13) Acrolein	2.233	56	4843	95.177	ug/l	94
14) Allyl chloride	2.666	41	34915	19.753	ug/l	95
15) Acrylonitrile	3.062	53	59549	99.908	ug/l	98
16) Acetone	2.380	43	66041	107.004	ug/l	94
17) Carbon Disulfide	2.514	76	52770	19.207	ug/l	98
18) Methyl Acetate	2.703	43	38658	19.604	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	69555	20.440	ug/l	98
20) Methylene Chloride	2.788	84	22906	19.743	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	21695	20.277	ug/l	85
22) Diisopropyl ether	3.763	45	68973	20.490	ug/l	94
23) Vinyl Acetate	3.721	43	275734	101.977	ug/l	96
24) 1,1-Dichloroethane	3.611	63	38416	20.886	ug/l	98
25) 2-Butanone	4.556	43	89244	100.015	ug/l	99
26) 2,2-Dichloropropane	4.477	77	34723	20.823	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	26286	21.038	ug/l	89
28) Bromochloromethane	4.897	49	18334	21.377	ug/l	92
29) Tetrahydrofuran	5.001	42	54210	98.118	ug/l	98
30) Chloroform	5.093	83	40210	21.007	ug/l	100
31) Cyclohexane	5.470	56	35135	20.470	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	36737	20.963	ug/l	97
36) 1,1-Dichloropropene	5.690	75	29346	20.873	ug/l	97
37) Ethyl Acetate	4.708	43	31717	19.828	ug/l	99
38) Carbon Tetrachloride	5.678	117	33520	21.647	ug/l	99
39) Methylcyclohexane	7.379	83	38704	21.462	ug/l	94
40) Benzene	6.037	78	88327	20.739	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17849	20.104	ug/l	97
42) 1,2-Dichloroethane	6.086	62	30316	21.877	ug/l	93
43) Isopropyl Acetate	6.342	43	53069	19.936	ug/l	97
44) Trichloroethene	7.129	130	26065	21.068	ug/l	93
45) 1,2-Dichloropropane	7.434	63	22302	21.321	ug/l	99
46) Dibromomethane	7.580	93	15732	20.718	ug/l	91
47) Bromodichloromethane	7.824	83	31038	20.799	ug/l	96
48) Methyl methacrylate	7.696	41	24763	19.821	ug/l	95
49) 1,4-Dioxane	7.659	88	10310	390.781	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	167275	100.211	ug/l	97
52) Toluene	8.720	92	58457	21.024	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	34355	20.703	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	36492	20.287	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23687	21.434	ug/l	97
56) Ethyl methacrylate	9.116	69	35929	20.034	ug/l	96
57) 1,3-Dichloropropane	9.311	76	38189	20.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	83573	100.164	ug/l	95
59) 2-Hexanone	9.433	43	131740	100.108	ug/l	97
60) Dibromochloromethane	9.525	129	25976	20.423	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25037	20.918	ug/l	99
64) Tetrachloroethene	9.275	164	26553	21.756	ug/l	95
65) Chlorobenzene	10.079	112	63812	21.157	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	24550	21.225	ug/l	100
67) Ethyl Benzene	10.195	91	110270	21.156	ug/l	94
68) m/p-Xylenes	10.305	106	89713	42.139	ug/l	92
69) o-Xylene	10.640	106	44266	21.244	ug/l	91
70) Styrene	10.659	104	71884	20.882	ug/l	97
71) Bromoform	10.799	173	20292	20.207	ug/l #	98
73) Isopropylbenzene	10.963	105	113312	21.354	ug/l	98
74) N-amyl acetate	10.841	43	44915	19.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	35005	20.394	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	36634m	24.027	ug/l	
77) Bromobenzene	11.201	156	28854	21.143	ug/l	91
78) n-propylbenzene	11.305	91	127783	21.453	ug/l	96
79) 2-Chlorotoluene	11.366	91	76215	21.017	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	95446	21.398	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	11506	19.010	ug/l	89
82) 4-Chlorotoluene	11.457	91	85925	20.757	ug/l	95
83) tert-Butylbenzene	11.713	119	96995	21.397	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	94024	21.328	ug/l	96
85) sec-Butylbenzene	11.890	105	119053	21.603	ug/l	97
86) p-Isopropyltoluene	12.012	119	100666	21.260	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	53969	21.245	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	53049	20.609	ug/l	98
89) n-Butylbenzene	12.335	91	81561	20.436	ug/l	97
90) Hexachloroethane	12.542	117	17516	20.074	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	52445	21.184	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7356	20.517	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	31093	21.338	ug/l	99
94) Hexachlorobutadiene	13.725	225	14843	21.214	ug/l	96
95) Naphthalene	13.780	128	99369	19.551	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31270	21.936	ug/l	98

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

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