

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034096.D
 Acq On : 09 Feb 2023 11:17
 Operator : JC/MD
 Sample : VX0211WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/10/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

Quant Time: Feb 10 01:05:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	128840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	170706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62756	50.525	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.040%			
35) Dibromofluoromethane	5.379	113	56653	52.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	8.647	98	198170	50.627	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.260%			
62) 4-Bromofluorobenzene	11.079	95	75899	54.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	20216	19.302	ug/l	99
3) Chloromethane	1.295	50	16562	16.757	ug/l	97
4) Vinyl Chloride	1.374	62	17339	16.751	ug/l	96
5) Bromomethane	1.605	94	11654	21.864	ug/l	99
6) Chloroethane	1.691	64	10009	17.487	ug/l	98
7) Trichlorofluoromethane	1.892	101	30964	18.801	ug/l	97
8) Diethyl Ether	2.130	74	9810	17.318	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	20207	18.378	ug/l	91
10) Methyl Iodide	2.453	142	26287	16.875	ug/l	96
11) Tert butyl alcohol	2.953	59	18055	103.753	ug/l #	84
12) 1,1-Dichloroethene	2.325	96	18455	17.494	ug/l	82
13) Acrolein	2.233	56	20389	87.355	ug/l	99
14) Allyl chloride	2.666	41	30055	17.474	ug/l	92
15) Acrylonitrile	3.063	53	50531	90.523	ug/l	99
16) Acetone	2.374	43	50193	95.678	ug/l	92
17) Carbon Disulfide	2.514	76	44284	16.546	ug/l	100
18) Methyl Acetate	2.697	43	30176	18.492	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	63368	19.480	ug/l	99
20) Methylene Chloride	2.788	84	21189	17.655	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	20569	17.902	ug/l	95
22) Diisopropyl ether	3.758	45	60579	17.848	ug/l #	94
23) Vinyl Acetate	3.715	43	237416	91.856	ug/l	97
24) 1,1-Dichloroethane	3.611	63	36208	18.507	ug/l	98
25) 2-Butanone	4.544	43	69935	91.551	ug/l	96
26) 2,2-Dichloropropane	4.471	77	27883	19.538	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	24273	18.366	ug/l	96
28) Bromochloromethane	4.891	49	16812	19.545	ug/l	83
29) Tetrahydrofuran	4.995	42	43419	89.368	ug/l	93
30) Chloroform	5.093	83	37869	18.572	ug/l	100
31) Cyclohexane	5.471	56	32191	17.797	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	34679	19.749	ug/l	97
36) 1,1-Dichloropropene	5.690	75	28309	19.005	ug/l	99
37) Ethyl Acetate	4.709	43	25871	18.644	ug/l	97
38) Carbon Tetrachloride	5.678	117	31596	19.888	ug/l	96
39) Methylcyclohexane	7.379	83	35848	19.119	ug/l	95
40) Benzene	6.038	78	82456	19.132	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	14518	18.591	ug/l	94
42) 1,2-Dichloroethane	6.086	62	30826	21.049	ug/l	100
43) Isopropyl Acetate	6.336	43	41742	19.289	ug/l	97
44) Trichloroethene	7.129	130	25135	18.976	ug/l	93
45) 1,2-Dichloropropane	7.428	63	20134	18.921	ug/l	99
46) Dibromomethane	7.580	93	15245	19.997	ug/l	93
47) Bromodichloromethane	7.818	83	28980	20.061	ug/l #	95
48) Methyl methacrylate	7.690	41	21852	19.558	ug/l	95
49) 1,4-Dioxane	7.665	88	9788	455.109	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	133477	98.333	ug/l	98
52) Toluene	8.714	92	54733	19.596	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	30012	20.667	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	32829	19.870	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	22903	20.529	ug/l	96
56) Ethyl methacrylate	9.116	69	30824	19.782	ug/l	97
57) 1,3-Dichloropropane	9.305	76	37144	20.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	65985	91.015	ug/l	96
59) 2-Hexanone	9.427	43	99955	100.624	ug/l	98
60) Dibromochloromethane	9.519	129	25652	20.746	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24459	20.388	ug/l	100
64) Tetrachloroethene	9.275	164	25155	19.324	ug/l	97
65) Chlorobenzene	10.080	112	61729	19.172	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	24539	20.169	ug/l	96
67) Ethyl Benzene	10.195	91	104765	19.225	ug/l	100
68) m/p-Xylenes	10.299	106	85032	39.036	ug/l	100
69) o-Xylene	10.640	106	41462	19.819	ug/l	99
70) Styrene	10.653	104	68258	19.810	ug/l	98
71) Bromoform	10.799	173	20263	20.417	ug/l #	98
73) Isopropylbenzene	10.964	105	108223	19.037	ug/l	100
74) N-amyl acetate	10.842	43	34795	18.579	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	31711	18.539	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	29195m	19.989	ug/l	
77) Bromobenzene	11.195	156	30300	19.221	ug/l	96
78) n-propylbenzene	11.305	91	119157	18.957	ug/l	98
79) 2-Chlorotoluene	11.366	91	73329	19.267	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	92280	19.502	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8515	17.954	ug/l	98
82) 4-Chlorotoluene	11.451	91	84395	19.606	ug/l	100
83) tert-Butylbenzene	11.713	119	93987	19.225	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	92440	19.554	ug/l	99
85) sec-Butylbenzene	11.890	105	112870	19.297	ug/l	100
86) p-Isopropyltoluene	12.006	119	100374	19.566	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	55084	19.043	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	54422	18.532	ug/l	96
89) n-Butylbenzene	12.329	91	77964	19.384	ug/l	98
90) Hexachloroethane	12.536	117	15542	19.244	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	54150	19.195	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6496	19.313	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	38301	19.215	ug/l	100
94) Hexachlorobutadiene	13.725	225	19034	19.292	ug/l	99
95) Naphthalene	13.774	128	106452	19.438	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38576	19.267	ug/l	98

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

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