

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040919.D
 Acq On : 08 Apr 2024 11:06
 Operator : JC/MD
 Sample : VX0408WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/09/2024
 Supervised By :Semsettin Yesilyurt 04/09/2024

Quant Time: Apr 09 02:45:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	43280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	72929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	68135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	35491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39142	50.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.800%			
35) Dibromofluoromethane	5.385	113	26622	51.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	8.647	98	94052	50.388	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.079	95	37448	50.239	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	11300	19.262	ug/l	99
3) Chloromethane	1.301	50	11190	22.080	ug/l	99
4) Vinyl Chloride	1.374	62	11992	22.923	ug/l	97
5) Bromomethane	1.611	94	8431	26.197	ug/l	94
6) Chloroethane	1.691	64	7824	23.202	ug/l	95
7) Trichlorofluoromethane	1.892	101	21082	21.052	ug/l	98
8) Diethyl Ether	2.136	74	7072	21.854	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	10767	20.856	ug/l	99
10) Methyl Iodide	2.453	142	12843	20.508	ug/l	98
11) Tert butyl alcohol	2.953	59	15375	108.445	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	9935	20.519	ug/l	99
13) Acrolein	2.233	56	7597	98.163	ug/l	94
14) Allyl chloride	2.666	41	18355	21.162	ug/l	90
15) Acrylonitrile	3.062	53	33141	110.809	ug/l	96
16) Acetone	2.374	43	34169	113.318	ug/l	95
17) Carbon Disulfide	2.514	76	25393	18.129	ug/l	100
18) Methyl Acetate	2.703	43	14963	20.916	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	36344	21.324	ug/l	98
20) Methylene Chloride	2.788	84	10903	19.511	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	10000	19.554	ug/l	98
22) Diisopropyl ether	3.757	45	36102	21.387	ug/l	97
23) Vinyl Acetate	3.721	43	176859	109.316	ug/l	99
24) 1,1-Dichloroethane	3.605	63	19922	20.658	ug/l	97
25) 2-Butanone	4.550	43	49709	110.976	ug/l	99
26) 2,2-Dichloropropane	4.477	77	17491	21.125	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	12063	20.426	ug/l	95
28) Bromochloromethane	4.897	49	8984	20.718	ug/l	99
29) Tetrahydrofuran	5.001	42	32087	110.212	ug/l	99
30) Chloroform	5.093	83	22071	21.026	ug/l	100
31) Cyclohexane	5.471	56	16799	20.386	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	19399	20.797	ug/l	98
36) 1,1-Dichloropropene	5.690	75	14464	19.707	ug/l	100
37) Ethyl Acetate	4.708	43	19280	21.392	ug/l	98
38) Carbon Tetrachloride	5.678	117	16440	20.233	ug/l	98
39) Methylcyclohexane	7.379	83	17914	20.427	ug/l	96
40) Benzene	6.037	78	41875	20.556	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	10618	22.940	ug/l	99
42) 1,2-Dichloroethane	6.086	62	19366	21.888	ug/l	95
43) Isopropyl Acetate	6.336	43	29837	21.437	ug/l	97
44) Trichloroethene	7.123	130	10355	20.353	ug/l	94
45) 1,2-Dichloropropane	7.428	63	10160	20.892	ug/l	97
46) Dibromomethane	7.580	93	8797	22.070	ug/l	97
47) Bromodichloromethane	7.818	83	16876	20.349	ug/l	98
48) Methyl methacrylate	7.690	41	14648	21.491	ug/l	94
49) 1,4-Dioxane	7.653	88	6006	461.768	ug/l #	94
51) 4-Methyl-2-Pentanone	8.568	43	104245	112.912	ug/l	95
52) Toluene	8.714	92	25936	20.177	ug/l	90
53) t-1,3-Dichloropropene	8.976	75	17436	21.082	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	17283	21.018	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	11126	22.180	ug/l	96
56) Ethyl methacrylate	9.116	69	18523	21.504	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	18295	20.853	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	39505	94.605	ug/l	99
59) 2-Hexanone	9.427	43	81380	109.907	ug/l	95
60) Dibromochloromethane	9.519	129	12734	21.265	ug/l	99
61) 1,2-Dibromoethane	9.610	107	11535	21.314	ug/l	98
64) Tetrachloroethene	9.275	164	9006	19.974	ug/l	94
65) Chlorobenzene	10.079	112	30397	20.399	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	10021	20.260	ug/l	95
67) Ethyl Benzene	10.195	91	54221	20.404	ug/l	97
68) m/p-Xylenes	10.299	106	39758	41.120	ug/l	91
69) o-Xylene	10.640	106	18848	20.692	ug/l	90
70) Styrene	10.653	104	32897	20.841	ug/l	97
71) Bromoform	10.799	173	8626	20.538	ug/l #	98
73) Isopropylbenzene	10.963	105	51125	20.625	ug/l	100
74) N-amyl acetate	10.842	43	26481	21.092	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	18255	21.538	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	15977m	21.111	ug/l	
77) Bromobenzene	11.195	156	12479	21.461	ug/l	99
78) n-propylbenzene	11.305	91	63680	20.556	ug/l	98
79) 2-Chlorotoluene	11.366	91	37987	20.547	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	45180	21.341	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5731	20.431	ug/l	98
82) 4-Chlorotoluene	11.451	91	44974	20.375	ug/l	100
83) tert-Butylbenzene	11.713	119	42852	20.403	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	45696	21.426	ug/l	99
85) sec-Butylbenzene	11.890	105	56301	21.107	ug/l	98
86) p-Isopropyltoluene	12.006	119	47256	21.122	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	24133	20.533	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	24556	19.690	ug/l	98
89) n-Butylbenzene	12.329	91	45634	20.646	ug/l	96
90) Hexachloroethane	12.536	117	7790	19.988	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	23132	20.082	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4984	22.884	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	15907	19.920	ug/l	97
94) Hexachlorobutadiene	13.725	225	5969	19.513	ug/l	97
95) Naphthalene	13.774	128	53996	21.000	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15244	20.010	ug/l	97

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

