

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040918.D
 Acq On : 08 Apr 2024 10:40
 Operator : JC/MD
 Sample : VX0408WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Quant Time: Apr 09 02:44:41 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	50178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	85496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	79764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46111	51.216	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.440%			
35) Dibromofluoromethane	5.385	113	30798	50.858	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.647	98	110192	50.357	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.720%			
62) 4-Bromofluorobenzene	11.079	95	43692	49.999	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	13242	19.470	ug/l	98
3) Chloromethane	1.301	50	13156	22.391	ug/l	95
4) Vinyl Chloride	1.374	62	13865	22.860	ug/l	98
5) Bromomethane	1.605	94	9796	26.254	ug/l	91
6) Chloroethane	1.691	64	8405	21.498	ug/l	95
7) Trichlorofluoromethane	1.892	101	23664	20.382	ug/l	97
8) Diethyl Ether	2.136	74	8171	21.779	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	12142	20.286	ug/l	99
10) Methyl Iodide	2.453	142	14712	20.263	ug/l	99
11) Tert butyl alcohol	2.953	59	15558	94.650	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	11383	20.277	ug/l	99
13) Acrolein	2.239	56	8676	96.694	ug/l	98
14) Allyl chloride	2.666	41	20865	20.748	ug/l	91
15) Acrylonitrile	3.063	53	35076	101.157	ug/l	96
16) Acetone	2.374	43	37037	105.944	ug/l	97
17) Carbon Disulfide	2.514	76	29780	18.338	ug/l	98
18) Methyl Acetate	2.703	43	17147	20.674	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	41102	20.801	ug/l	99
20) Methylene Chloride	2.788	84	12439	19.200	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	11493	19.384	ug/l	97
22) Diisopropyl ether	3.758	45	40752	20.823	ug/l	91
23) Vinyl Acetate	3.721	43	194882	103.897	ug/l	98
24) 1,1-Dichloroethane	3.611	63	23437	20.962	ug/l	99
25) 2-Butanone	4.550	43	52957	101.975	ug/l	99
26) 2,2-Dichloropropane	4.477	77	20135	20.976	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	13899	20.300	ug/l	96
28) Bromochloromethane	4.898	49	9893	19.678	ug/l	97
29) Tetrahydrofuran	5.001	42	33343	98.782	ug/l	99
30) Chloroform	5.093	83	25151	20.667	ug/l	98
31) Cyclohexane	5.471	56	19131	20.024	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	22082	20.419	ug/l	98
36) 1,1-Dichloropropene	5.696	75	17211	20.002	ug/l	99
37) Ethyl Acetate	4.709	43	21599	20.442	ug/l	97
38) Carbon Tetrachloride	5.678	117	19614	20.591	ug/l	98
39) Methylcyclohexane	7.379	83	19501	18.968	ug/l	94
40) Benzene	6.038	78	47325	19.817	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	11013	20.296	ug/l	96
42) 1,2-Dichloroethane	6.086	62	21500	20.728	ug/l	96
43) Isopropyl Acetate	6.342	43	33406	20.473	ug/l	97
44) Trichloroethene	7.123	130	12218	20.484	ug/l	99
45) 1,2-Dichloropropane	7.428	63	11937	20.938	ug/l	97
46) Dibromomethane	7.580	93	9844	21.067	ug/l	97
47) Bromodichloromethane	7.818	83	19865	20.433	ug/l #	98
48) Methyl methacrylate	7.690	41	16179	20.248	ug/l	95
49) 1,4-Dioxane	7.659	88	6114	400.976	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	111675	103.180	ug/l	95
52) Toluene	8.720	92	30244	20.070	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	19005	19.665	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	20459	21.223	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	11860	20.168	ug/l	86
56) Ethyl methacrylate	9.116	69	21061	20.857	ug/l #	94
57) 1,3-Dichloropropane	9.305	76	20925	20.345	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	44163	90.214	ug/l	98
59) 2-Hexanone	9.427	43	88128	101.526	ug/l	95
60) Dibromochloromethane	9.519	129	14247	20.294	ug/l	99
61) 1,2-Dibromoethane	9.610	107	12757	20.107	ug/l	99
64) Tetrachloroethene	9.275	164	10604	20.089	ug/l	97
65) Chlorobenzene	10.080	112	35262	20.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	11712	20.227	ug/l	98
67) Ethyl Benzene	10.195	91	62713	20.159	ug/l	98
68) m/p-Xylenes	10.299	106	44828	39.604	ug/l	90
69) o-Xylene	10.640	106	21744	20.391	ug/l	90
70) Styrene	10.653	104	37264	20.166	ug/l	95
71) Bromoform	10.799	173	10056	20.456	ug/l #	97
73) Isopropylbenzene	10.964	105	59710	20.347	ug/l	99
74) N-amyl acetate	10.842	43	29935	20.139	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	20038	19.969	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	17103m	19.088	ug/l	
77) Bromobenzene	11.195	156	14237	20.681	ug/l	99
78) n-propylbenzene	11.305	91	72684	19.818	ug/l	97
79) 2-Chlorotoluene	11.360	91	43597	19.918	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	50877	20.299	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	6253	18.829	ug/l	98
82) 4-Chlorotoluene	11.451	91	52415	20.058	ug/l	98
83) tert-Butylbenzene	11.713	119	50534	20.323	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	50845	20.137	ug/l	99
85) sec-Butylbenzene	11.890	105	63009	19.952	ug/l	99
86) p-Isopropyltoluene	12.006	119	52653	19.879	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	27629	19.855	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	28152	19.067	ug/l	98
89) n-Butylbenzene	12.329	91	51968	19.860	ug/l	96
90) Hexachloroethane	12.536	117	8912	19.315	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	26757	19.621	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	5152	19.981	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	17587	18.603	ug/l	98
94) Hexachlorobutadiene	13.725	225	6719	18.553	ug/l	97
95) Naphthalene	13.774	128	60532	19.885	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	17389	19.280	ug/l	98

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

