

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040193.D
 Acq On : 12 Feb 2024 12:43
 Operator : JC/MD
 Sample : VX0212WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

Quant Time: Feb 12 14:23:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/12/2024
 Supervised By :Semsettin Yesilyurt 02/13/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	95822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71556	50.195	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.400%			
35) Dibromofluoromethane	5.391	113	54672	48.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.400%			
50) Toluene-d8	8.647	98	204303	48.152	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.079	95	83028	47.981	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	22079	20.398	ug/l	97
3) Chloromethane	1.295	50	21731	19.469	ug/l	100
4) Vinyl Chloride	1.374	62	22751	19.288	ug/l	97
5) Bromomethane	1.605	94	16910	25.405	ug/l	98
6) Chloroethane	1.685	64	13880	18.658	ug/l	99
7) Trichlorofluoromethane	1.886	101	36001	19.006	ug/l	99
8) Diethyl Ether	2.136	74	12895	18.122	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	19734	19.422	ug/l	96
10) Methyl Iodide	2.453	142	22401	19.858	ug/l	94
11) Tert butyl alcohol	2.959	59	26139	94.135	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	18915	19.334	ug/l	94
13) Acrolein	2.233	56	22529	87.902	ug/l	97
14) Allyl chloride	2.666	41	32069	18.889	ug/l	97
15) Acrylonitrile	3.063	53	59924	96.451	ug/l	99
16) Acetone	2.380	43	55159	94.211	ug/l	92
17) Carbon Disulfide	2.508	76	44369	17.179	ug/l	99
18) Methyl Acetate	2.703	43	31717	20.208	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	69715	20.227	ug/l	98
20) Methylene Chloride	2.788	84	22367	19.402	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	20939	18.793	ug/l	88
22) Diisopropyl ether	3.758	45	69187	20.094	ug/l	94
23) Vinyl Acetate	3.721	43	295388	96.236	ug/l	97
24) 1,1-Dichloroethane	3.611	63	38146	19.019	ug/l	97
25) 2-Butanone	4.556	43	86032	94.004	ug/l	97
26) 2,2-Dichloropropane	4.471	77	29414	19.051	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	24630	19.378	ug/l	95
28) Bromochloromethane	4.904	49	17505	20.557	ug/l	88
29) Tetrahydrofuran	5.007	42	56307	94.437	ug/l	95
30) Chloroform	5.093	83	41752	19.254	ug/l	94
31) Cyclohexane	5.471	56	32781	19.279	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	35345	19.375	ug/l	100
36) 1,1-Dichloropropene	5.696	75	29019	18.264	ug/l	97
37) Ethyl Acetate	4.715	43	31335	17.724	ug/l	98
38) Carbon Tetrachloride	5.678	117	27428	18.155	ug/l	97
39) Methylcyclohexane	7.379	83	32992	17.867	ug/l	97
40) Benzene	6.038	78	83847	18.871	ug/l	95

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41) Methacrylonitrile	4.922	41	18877	20.141	ug/l	95
42) 1,2-Dichloroethane	6.086	62	34539	19.887	ug/l	99
43) Isopropyl Acetate	6.336	43	53098	19.239	ug/l	98
44) Trichloroethene	7.123	130	23234	18.957	ug/l	92
45) 1,2-Dichloropropane	7.428	63	22357	19.331	ug/l	99
46) Dibromomethane	7.580	93	16491	19.361	ug/l	95
47) Bromodichloromethane	7.818	83	30722	18.719	ug/l	99
48) Methyl methacrylate	7.690	41	26501	18.766	ug/l	88
49) 1,4-Dioxane	7.659	88	11859	386.017	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	180003	95.529	ug/l	100
52) Toluene	8.720	92	55231	18.977	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	31389	17.246	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	34574	18.797	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	23281	18.755	ug/l	96
56) Ethyl methacrylate	9.116	69	35522	19.115	ug/l	97
57) 1,3-Dichloropropane	9.305	76	39292	19.393	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	88554	100.733	ug/l	100
59) 2-Hexanone	9.427	43	141054	94.417	ug/l	99
60) Dibromochloromethane	9.519	129	23009	18.193	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25418	19.264	ug/l	100
64) Tetrachloroethene	9.275	164	20109	18.476	ug/l	95
65) Chlorobenzene	10.080	112	61591	19.001	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21133	18.824	ug/l	100
67) Ethyl Benzene	10.195	91	111044	19.235	ug/l	98
68) m/p-Xylenes	10.299	106	85095	39.029	ug/l	97
69) o-Xylene	10.640	106	41302	19.493	ug/l	96
70) Styrene	10.653	104	69445	19.714	ug/l	99
71) Bromoform	10.799	173	16508	17.003	ug/l #	100
73) Isopropylbenzene	10.964	105	110371	18.851	ug/l	99
74) N-amyl acetate	10.842	43	48482	19.318	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	38823	18.456	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	32553m	19.338	ug/l	
77) Bromobenzene	11.195	156	27898	20.174	ug/l	91
78) n-propylbenzene	11.305	91	135782	19.155	ug/l	99
79) 2-Chlorotoluene	11.360	91	79223	18.509	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	95621	19.399	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8715	17.056	ug/l	93
82) 4-Chlorotoluene	11.451	91	93764	18.488	ug/l	98
83) tert-Butylbenzene	11.713	119	92217	19.083	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	97125	19.476	ug/l	99
85) sec-Butylbenzene	11.890	105	117793	18.967	ug/l	99
86) p-Isopropyltoluene	12.006	119	97584	19.168	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51707	18.872	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	52198	17.991	ug/l	98
89) n-Butylbenzene	12.329	91	90903	18.498	ug/l	97
90) Hexachloroethane	12.536	117	13686	17.043	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	49963	18.837	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9461	19.488	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	34532	19.016	ug/l	96
94) Hexachlorobutadiene	13.725	225	11803	16.286	ug/l	97
95) Naphthalene	13.774	128	115505	20.139	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	32985	19.056	ug/l	97

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

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