

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041921.D
 Acq On : 18 Jun 2024 14:22
 Operator : JC/MD
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Quant Time: Jun 19 08:10:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	191469	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	278684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107373	48.632	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.260%		
35) Dibromofluoromethane	5.385	113	97963	49.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.080%		
50) Toluene-d8	8.647	98	350247	50.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.840%		
62) 4-Bromofluorobenzene	11.079	95	128989	50.372	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	28188	19.324	ug/l	90
3) Chloromethane	1.307	50	34560	18.886	ug/l	98
4) Vinyl Chloride	1.374	62	35340	19.265	ug/l	100
5) Bromomethane	1.593	94	16154	17.834	ug/l	95
6) Chloroethane	1.666	64	17395	21.026	ug/l	97
7) Trichlorofluoromethane	1.868	101	52453	21.825	ug/l	100
8) Diethyl Ether	2.136	74	22270	19.740	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	32290	19.504	ug/l	87
10) Methyl Iodide	2.441	142	42350	20.581	ug/l #	87
11) Tert butyl alcohol	3.002	59	40772	97.304	ug/l #	91
12) 1,1-Dichloroethene	2.307	96	32248	19.527	ug/l	83
13) Acrolein	2.240	56	45196	96.223	ug/l	99
14) Allyl chloride	2.654	41	52693	20.119	ug/l	90
15) Acrylonitrile	3.075	53	113833	104.007	ug/l	99
16) Acetone	2.392	43	90602	93.454	ug/l #	88
17) Carbon Disulfide	2.502	76	60367	17.928	ug/l	99
18) Methyl Acetate	2.709	43	58030	21.942	ug/l	97
19) Methyl tert-butyl Ether	3.124	73	110505	20.254	ug/l	100
20) Methylene Chloride	2.788	84	38670	18.216	ug/l	89
21) trans-1,2-Dichloroethene	3.081	96	32596	19.448	ug/l	88
22) Diisopropyl ether	3.770	45	112339	20.292	ug/l	86
23) Vinyl Acetate	3.727	43	484674	102.514	ug/l	95
24) 1,1-Dichloroethane	3.605	63	62377	20.120	ug/l	98
25) 2-Butanone	4.574	43	154319	102.315	ug/l	94
26) 2,2-Dichloropropane	4.477	77	45903	20.446	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	42087	20.049	ug/l	86
28) Bromochloromethane	4.904	49	23039	17.350	ug/l #	73
29) Tetrahydrofuran	5.020	42	101859	104.568	ug/l	96
30) Chloroform	5.093	83	64638	20.013	ug/l	96
31) Cyclohexane	5.465	56	48809	18.903	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	53815	19.940	ug/l	96
36) 1,1-Dichloropropene	5.690	75	41101	19.574	ug/l	95
37) Ethyl Acetate	4.727	43	57252	20.931	ug/l	98
38) Carbon Tetrachloride	5.678	117	45446	19.588	ug/l	97
39) Methylcyclohexane	7.379	83	51353	19.338	ug/l	93
40) Benzene	6.038	78	140482	19.837	ug/l	99

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41) Methacrylonitrile	4.928	41	31833	21.469	ug/l	93
42) 1,2-Dichloroethane	6.086	62	46007	20.168	ug/l	91
43) Isopropyl Acetate	6.349	43	83114	19.796	ug/l #	94
44) Trichloroethene	7.129	130	37943	19.988	ug/l	86
45) 1,2-Dichloropropane	7.434	63	35534	20.406	ug/l	99
46) Dibromomethane	7.580	93	25798	20.333	ug/l #	78
47) Bromodichloromethane	7.824	83	45946	19.724	ug/l	99
48) Methyl methacrylate	7.696	41	41351	20.637	ug/l	87
49) 1,4-Dioxane	7.672	88	20641	401.481	ug/l #	85
51) 4-Methyl-2-Pentanone	8.580	43	304286	105.210	ug/l	95
52) Toluene	8.720	92	91018	20.183	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	45462	19.306	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	52154	20.450	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	38543	20.516	ug/l	98
56) Ethyl methacrylate	9.122	69	59270	20.279	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	62523	20.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	139030	102.079	ug/l	93
59) 2-Hexanone	9.433	43	235650	106.381	ug/l	92
60) Dibromochloromethane	9.525	129	40357	19.776	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39965	20.513	ug/l	99
64) Tetrachloroethene	9.275	164	35798	19.470	ug/l	90
65) Chlorobenzene	10.080	112	105742	20.134	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37816	20.566	ug/l	98
67) Ethyl Benzene	10.195	91	169841	20.635	ug/l	100
68) m/p-Xylenes	10.299	106	136356	41.039	ug/l	92
69) o-Xylene	10.640	106	68069	20.693	ug/l	91
70) Styrene	10.659	104	114823	20.816	ug/l	94
71) Bromoform	10.799	173	32451	19.326	ug/l #	99
73) Isopropylbenzene	10.964	105	173620	21.357	ug/l	96
74) N-amyl acetate	10.842	43	75358	20.869	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	63918	21.146	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	49019m	20.196	ug/l	
77) Bromobenzene	11.201	156	49676	20.517	ug/l	79
78) n-propylbenzene	11.305	91	187512	21.258	ug/l	96
79) 2-Chlorotoluene	11.366	91	118767	20.898	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	144344	21.317	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	16364	19.147	ug/l	96
82) 4-Chlorotoluene	11.457	91	133791	21.296	ug/l	91
83) tert-Butylbenzene	11.713	119	159352	21.448	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	146944	21.631	ug/l	93
85) sec-Butylbenzene	11.890	105	178363	21.224	ug/l	95
86) p-Isopropyltoluene	12.006	119	156129	21.268	ug/l	94
87) 1,3-Dichlorobenzene	11.970	146	88135	20.710	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	87793	20.153	ug/l	95
89) n-Butylbenzene	12.335	91	114516	20.265	ug/l	97
90) Hexachloroethane	12.536	117	25263	20.214	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	91287	20.963	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12657	21.129	ug/l #	53
93) 1,2,4-Trichlorobenzene	13.591	180	57681	20.220	ug/l	95
94) Hexachlorobutadiene	13.725	225	29020	20.118	ug/l	98
95) Naphthalene	13.774	128	184908	19.749	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	62154	20.658	ug/l	97

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

