

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041193.D
 Acq On : 22 Apr 2024 16:31
 Operator : JC/MD
 Sample : VX0422WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Quant Time: Apr 23 05:36:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	259957	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	360994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118194	47.763	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.520%		
35) Dibromofluoromethane	5.385	113	104231	47.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.940%		
50) Toluene-d8	8.647	98	360347	48.639	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.280%		
62) 4-Bromofluorobenzene	11.079	95	125015	45.717	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	38297	18.626	ug/l	96
3) Chloromethane	1.295	50	40057	17.994	ug/l	99
4) Vinyl Chloride	1.374	62	40682	18.275	ug/l	95
5) Bromomethane	1.599	94	22155	17.676	ug/l	96
6) Chloroethane	1.666	64	15712	18.578	ug/l	100
7) Trichlorofluoromethane	1.862	101	63828	18.504	ug/l	100
8) Diethyl Ether	2.136	74	24024	18.926	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	38546	18.993	ug/l #	86
10) Methyl Iodide	2.441	142	45376	18.541	ug/l	89
11) Tert butyl alcohol	3.026	59	42507	95.883	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	34800	18.369	ug/l	85
13) Acrolein	2.240	56	46349	93.198	ug/l	100
14) Allyl chloride	2.654	41	57999	18.845	ug/l	96
15) Acrylonitrile	3.075	53	111468	98.398	ug/l	99
16) Acetone	2.392	43	89097	98.915	ug/l	99
17) Carbon Disulfide	2.502	76	66012	16.680	ug/l	98
18) Methyl Acetate	2.709	43	47588	17.860	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	128077	18.911	ug/l	100
20) Methylene Chloride	2.788	84	41265	18.758	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	37979	18.141	ug/l	86
22) Diisopropyl ether	3.764	45	125389	18.844	ug/l	94
23) Vinyl Acetate	3.721	43	557861	97.998	ug/l	95
24) 1,1-Dichloroethane	3.605	63	69816	18.770	ug/l	97
25) 2-Butanone	4.568	43	151775	98.665	ug/l	94
26) 2,2-Dichloropropane	4.471	77	58903	18.737	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	47817	18.427	ug/l	89
28) Bromochloromethane	4.898	49	22655	16.050	ug/l #	70
29) Tetrahydrofuran	5.013	42	101116	96.487	ug/l	94
30) Chloroform	5.093	83	74887	18.757	ug/l	97
31) Cyclohexane	5.458	56	60701	18.226	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	66179	18.491	ug/l	97
36) 1,1-Dichloropropene	5.690	75	48638	17.311	ug/l	94
37) Ethyl Acetate	4.721	43	59091	19.169	ug/l	97
38) Carbon Tetrachloride	5.672	117	56902	18.132	ug/l	97
39) Methylcyclohexane	7.373	83	66332	17.799	ug/l	94
40) Benzene	6.032	78	158066	18.216	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	31553	19.661	ug/l	94
42) 1,2-Dichloroethane	6.086	62	56194	18.677	ug/l	94
43) Isopropyl Acetate	6.349	43	92050	18.537	ug/l	96
44) Trichloroethene	7.123	130	45460	18.020	ug/l	83
45) 1,2-Dichloropropane	7.428	63	37850	18.192	ug/l	96
46) Dibromomethane	7.580	93	28975	18.677	ug/l #	77
47) Bromodichloromethane	7.824	83	52226	18.263	ug/l #	98
48) Methyl methacrylate	7.696	41	44414	18.910	ug/l	92
49) 1,4-Dioxane	7.678	88	16701	330.362	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	307697	98.995	ug/l	97
52) Toluene	8.714	92	105524	19.299	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	52837	18.837	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	59108	18.536	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	41889	19.634	ug/l	98
56) Ethyl methacrylate	9.116	69	64211	19.687	ug/l	92
57) 1,3-Dichloropropane	9.305	76	67236	19.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	125231	78.889	ug/l	92
59) 2-Hexanone	9.433	43	241315	101.244	ug/l	95
60) Dibromochloromethane	9.519	129	45498	18.474	ug/l	100
61) 1,2-Dibromoethane	9.610	107	42991	18.781	ug/l	98
64) Tetrachloroethene	9.275	164	44740	18.317	ug/l	90
65) Chlorobenzene	10.080	112	119506	18.232	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	42714	19.025	ug/l	99
67) Ethyl Benzene	10.195	91	195596	18.699	ug/l	96
68) m/p-Xylenes	10.299	106	159100	37.678	ug/l	90
69) o-Xylene	10.640	106	78136	19.026	ug/l	93
70) Styrene	10.659	104	128649	19.255	ug/l	95
71) Bromoform	10.799	173	36513	19.023	ug/l #	100
73) Isopropylbenzene	10.964	105	189313	17.979	ug/l	95
74) N-amyl acetate	10.842	43	80287	19.401	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	61962	18.659	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	48897m	17.933	ug/l	
77) Bromobenzene	11.195	156	53081	17.323	ug/l	77
78) n-propylbenzene	11.305	91	203266	17.878	ug/l	96
79) 2-Chlorotoluene	11.366	91	128518	17.862	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	169434	19.341	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	15853	16.403	ug/l	97
82) 4-Chlorotoluene	11.451	91	153451	18.820	ug/l	92
83) tert-Butylbenzene	11.713	119	182481	19.452	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	169677	19.515	ug/l	92
85) sec-Butylbenzene	11.890	105	209424	19.332	ug/l	94
86) p-Isopropyltoluene	12.006	119	184248	19.300	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	102193	18.566	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	103133	18.261	ug/l	96
89) n-Butylbenzene	12.329	91	136733	18.864	ug/l	97
90) Hexachloroethane	12.536	117	28735	18.247	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	105537	19.143	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13585	19.497	ug/l #	54
93) 1,2,4-Trichlorobenzene	13.585	180	70108	18.341	ug/l	95
94) Hexachlorobutadiene	13.725	225	36544	18.712	ug/l	99
95) Naphthalene	13.774	128	211134	19.224	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73640	18.290	ug/l	95

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

