

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042924\
 Data File : VX041268.D
 Acq On : 29 Apr 2024 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 30 02:05:20 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

04/30/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	170671	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	233844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128622	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	85231	52.461	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.920%	
35) Dibromofluoromethane	5.379	113	72579	51.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.040%	
50) Toluene-d8	8.647	98	245272	51.107	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	11.079	95	98613	55.670	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.340%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	60021	44.463	ug/l	100
3) Chloromethane	1.294	50	60844	41.631	ug/l	98
4) Vinyl Chloride	1.374	62	66644	45.600	ug/l	100
5) Bromomethane	1.599	94	47063	57.191	ug/l	97
6) Chloroethane	1.666	64	36710	66.115	ug/l	98
7) Trichlorofluoromethane	1.867	101	131247	57.956	ug/l	98
8) Diethyl Ether	2.136	74	47221	56.661	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	72780	54.623	ug/l	87
10) Methyl Iodide	2.441	142	59257	36.880	ug/l	91
11) Tert butyl alcohol	3.007	59	90859m	312.168	ug/l	
12) 1,1-Dichloroethene	2.306	96	66060	53.111	ug/l	88
13) Acrolein	2.239	56	69254	212.106	ug/l	99
14) Allyl chloride	2.654	41	112507	55.681	ug/l	96
15) Acrylonitrile	3.068	53	208904	280.882	ug/l	99
16) Acetone	2.392	43	182649	308.857	ug/l	97
17) Carbon Disulfide	2.501	76	132851	51.130	ug/l	100
18) Methyl Acetate	2.703	43	96519	55.174	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	239806	53.932	ug/l	99
20) Methylene Chloride	2.782	84	74701	51.722	ug/l	92
21) trans-1,2-Dichloroethene	3.081	96	67058	48.787	ug/l	90
22) Diisopropyl ether	3.763	45	232416	53.201	ug/l	86
23) Vinyl Acetate	3.721	43	1078599	288.598	ug/l	96
24) 1,1-Dichloroethane	3.605	63	128460	52.603	ug/l	97
25) 2-Butanone	4.562	43	295043	292.138	ug/l	95
26) 2,2-Dichloropropane	4.465	77	113466	54.975	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	85532	50.204	ug/l	92
28) Bromochloromethane	4.891	49	45649	49.258	ug/l	# 75
29) Tetrahydrofuran	5.007	42	189213	275.006	ug/l	94
30) Chloroform	5.086	83	139195	53.104	ug/l	98
31) Cyclohexane	5.458	56	102398	46.830	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	126429	53.806	ug/l	98
36) 1,1-Dichloropropene	5.684	75	89739	49.306	ug/l	95
37) Ethyl Acetate	4.715	43	117166	58.675	ug/l	99
38) Carbon Tetrachloride	5.672	117	109996	54.109	ug/l	98
39) Methylcyclohexane	7.373	83	113081	46.842	ug/l	93
40) Benzene	6.031	78	280282	49.863	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	64735	62.271	ug/l	96
42) 1,2-Dichloroethane	6.080	62	106233	54.507	ug/l	96
43) Isopropyl Acetate	6.342	43	183035	56.901	ug/l	98
44) Trichloroethene	7.123	130	80431	49.217	ug/l	87
45) 1,2-Dichloropropane	7.427	63	69638	51.670	ug/l	99
46) Dibromomethane	7.580	93	54873	54.602	ug/l #	78
47) Bromodichloromethane	7.818	83	107315	57.932	ug/l	99
48) Methyl methacrylate	7.690	41	89551	58.858	ug/l	93
49) 1,4-Dioxane	7.671	88	39649	1210.746	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	618939	307.404	ug/l	99
52) Toluene	8.714	92	186353	52.614	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	108913	59.941	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	113695	55.042	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	77743	56.253	ug/l	98
56) Ethyl methacrylate	9.116	69	124959	59.143	ug/l	97
57) 1,3-Dichloropropane	9.305	76	124384	54.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	251572	244.646	ug/l	92
59) 2-Hexanone	9.433	43	491052	318.043	ug/l	98
60) Dibromochloromethane	9.519	129	97034	60.821	ug/l	98
61) 1,2-Dibromoethane	9.604	107	82060	55.341	ug/l	98
64) Tetrachloroethene	9.269	164	77469	46.742	ug/l	91
65) Chlorobenzene	10.079	112	222062	49.930	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	83405	54.750	ug/l	97
67) Ethyl Benzene	10.189	91	360761	50.829	ug/l	98
68) m/p-Xylenes	10.299	106	290280	101.313	ug/l	93
69) o-Xylene	10.640	106	144642	51.905	ug/l	93
70) Styrene	10.652	104	247329	54.556	ug/l	96
71) Bromoform	10.799	173	81897	62.881	ug/l #	99
73) Isopropylbenzene	10.963	105	378636	47.313	ug/l	96
74) N-amyl acetate	10.841	43	174594	55.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	130240	51.605	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105815m	51.061	ug/l	
77) Bromobenzene	11.195	156	110274	47.350	ug/l	77
78) n-propylbenzene	11.305	91	423284	48.984	ug/l	96
79) 2-Chlorotoluene	11.366	91	257262	47.046	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	321981	48.361	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	40126	54.628	ug/l	93
82) 4-Chlorotoluene	11.451	91	303436	48.966	ug/l	92
83) tert-Butylbenzene	11.713	119	349526	49.024	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	328048	49.643	ug/l	94
85) sec-Butylbenzene	11.890	105	414982	50.403	ug/l	95
86) p-Isopropyltoluene	12.006	119	371361	51.183	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	203837	48.725	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	207786	48.409	ug/l	95
89) n-Butylbenzene	12.329	91	299599	54.385	ug/l	97
90) Hexachloroethane	12.536	117	63613	53.151	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	210244	50.176	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30779	58.122	ug/l	59
93) 1,2,4-Trichlorobenzene	13.585	180	156950	54.024	ug/l	94
94) Hexachlorobutadiene	13.725	225	74135	49.947	ug/l	99
95) Naphthalene	13.774	128	452378	54.195	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	158385	51.758	ug/l	96

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

