

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036152.D
 Acq On : 13 Jun 2023 18:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 14 00:58:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/14/2023
 Supervised By : Mahesh Dadoda 06/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	310266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159841	56.132	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.260%			
35) Dibromofluoromethane	5.385	113	109134	52.297	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.600%			
50) Toluene-d8	8.647	98	387766	51.775	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.540%			
62) 4-Bromofluorobenzene	11.079	95	161278	54.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	92528	48.293	ug/l	100
3) Chloromethane	1.294	50	91872	41.952	ug/l	99
4) Vinyl Chloride	1.374	62	91373	44.418	ug/l	99
5) Bromomethane	1.617	94	56437	41.655	ug/l	97
6) Chloroethane	1.691	64	60429	49.889	ug/l	97
7) Trichlorofluoromethane	1.886	101	148778	51.398	ug/l	97
8) Diethyl Ether	2.136	74	60070	47.784	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	92553	51.517	ug/l	99
10) Methyl Iodide	2.453	142	92639	43.805	ug/l	97
11) Tert butyl alcohol	3.032	59	123691	244.587	ug/l	99
12) 1,1-Dichloroethene	2.319	96	83454	47.437	ug/l	98
13) Acrolein	2.239	56	120355	247.071	ug/l	100
14) Allyl chloride	2.666	41	178598	49.384	ug/l	99
15) Acrylonitrile	3.068	53	314210	264.446	ug/l	100
16) Acetone	2.398	43	283232	241.089	ug/l	99
17) Carbon Disulfide	2.514	76	171638	38.935	ug/l	99
18) Methyl Acetate	2.709	43	260138	56.958	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	366543	53.188	ug/l	98
20) Methylene Chloride	2.788	84	105819	46.761	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	93891	46.687	ug/l	100
22) Diisopropyl ether	3.757	45	376429	53.513	ug/l	96
23) Vinyl Acetate	3.721	43	1377831	278.791	ug/l	99
24) 1,1-Dichloroethane	3.611	63	199175	51.051	ug/l	99
25) 2-Butanone	4.568	43	445044	264.676	ug/l	98
26) 2,2-Dichloropropane	4.477	77	155675	52.348	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	116997	48.472	ug/l	99
28) Bromochloromethane	4.897	49	113087	55.351	ug/l	98
29) Tetrahydrofuran	5.019	42	290709	268.292	ug/l	100
30) Chloroform	5.092	83	213138	53.038	ug/l	96
31) Cyclohexane	5.470	56	150788	50.575	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	184022	54.190	ug/l	99
36) 1,1-Dichloropropene	5.690	75	141220	50.754	ug/l	99
37) Ethyl Acetate	4.714	43	180623	58.289	ug/l	100
38) Carbon Tetrachloride	5.678	117	147926	54.554	ug/l	96
39) Methylcyclohexane	7.379	83	148017	50.985	ug/l	97
40) Benzene	6.037	78	412958	49.451	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	107047	60.895	ug/l	99
42) 1,2-Dichloroethane	6.086	62	191158	57.804	ug/l	99
43) Isopropyl Acetate	6.336	43	294426	57.784	ug/l	100
44) Trichloroethene	7.129	130	103520	47.786	ug/l	97
45) 1,2-Dichloropropane	7.427	63	113659	51.711	ug/l	100
46) Dibromomethane	7.580	93	81018	53.063	ug/l	99
47) Bromodichloromethane	7.824	83	160655	55.937	ug/l	99
48) Methyl methacrylate	7.690	41	150251	60.131	ug/l	99
49) 1,4-Dioxane	7.732	88	51634	902.269	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	941487	302.712	ug/l	99
52) Toluene	8.720	92	267647	50.979	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	170575	56.183	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	181107	54.019	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	116096	53.075	ug/l	98
56) Ethyl methacrylate	9.116	69	184761	56.497	ug/l	98
57) 1,3-Dichloropropane	9.305	76	203775	54.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	479781	279.990	ug/l	100
59) 2-Hexanone	9.433	43	687074	298.808	ug/l	99
60) Dibromochloromethane	9.518	129	116236	54.739	ug/l	100
61) 1,2-Dibromoethane	9.610	107	121212	54.204	ug/l	100
64) Tetrachloroethene	9.275	164	83705	45.918	ug/l	99
65) Chlorobenzene	10.079	112	285429	48.764	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	108352	52.632	ug/l	99
67) Ethyl Benzene	10.195	91	531665	51.036	ug/l	98
68) m/p-Xylenes	10.299	106	396972	100.446	ug/l	100
69) o-Xylene	10.640	106	199158	50.148	ug/l	98
70) Styrene	10.652	104	338177	52.700	ug/l	99
71) Bromoform	10.799	173	74909	52.540	ug/l #	99
73) Isopropylbenzene	10.963	105	521871	51.173	ug/l	98
74) N-amyl acetate	10.841	43	252642	56.836	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	180735	51.809	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	157796m	49.853	ug/l	
77) Bromobenzene	11.195	156	119282	47.298	ug/l	97
78) n-propylbenzene	11.305	91	613282	53.281	ug/l	100
79) 2-Chlorotoluene	11.366	91	379981	50.690	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	452312	52.606	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	49729	52.920	ug/l	98
82) 4-Chlorotoluene	11.451	91	442820	51.468	ug/l	99
83) tert-Butylbenzene	11.713	119	424736	51.707	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	450067	51.005	ug/l	100
85) sec-Butylbenzene	11.890	105	523736	53.753	ug/l	99
86) p-Isopropyltoluene	12.006	119	440916	52.930	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	223265	48.329	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	226851	46.614	ug/l	99
89) n-Butylbenzene	12.329	91	386248	54.884	ug/l	99
90) Hexachloroethane	12.536	117	69858	52.884	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	218363	47.483	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41273	57.329	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	126420	47.238	ug/l	99
94) Hexachlorobutadiene	13.725	225	48595	47.733	ug/l	98
95) Naphthalene	13.774	128	476424	51.147	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	126510	47.922	ug/l	97

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

