

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035032.D
 Acq On : 12 Apr 2023 00:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 12 06:00:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/12/2023
 Supervised By : Semsettin Yesilyurt 04/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	273440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	462801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	419054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195293	46.700	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.400%		
35) Dibromofluoromethane	5.385	113	152341	49.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.540%		
50) Toluene-d8	8.647	98	556196	49.227	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.460%		
62) 4-Bromofluorobenzene	11.079	95	219162	50.126	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	138303	50.711	ug/l	99
3) Chloromethane	1.294	50	157783	46.207	ug/l	100
4) Vinyl Chloride	1.373	62	159162	47.076	ug/l	98
5) Bromomethane	1.617	94	101718	46.298	ug/l	100
6) Chloroethane	1.690	64	96359	43.805	ug/l	99
7) Trichlorofluoromethane	1.886	101	219203	40.329	ug/l	99
8) Diethyl Ether	2.129	74	91607	47.806	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	140918	49.603	ug/l	100
10) Methyl Iodide	2.453	142	168278	47.565	ug/l	95
11) Tert butyl alcohol	3.026	59	171087m	233.177	ug/l	
12) 1,1-Dichloroethene	2.318	96	137326	48.920	ug/l	94
13) Acrolein	2.239	56	226920	300.437	ug/l	99
14) Allyl chloride	2.666	41	269221	48.953	ug/l	98
15) Acrylonitrile	3.068	53	430833	260.863	ug/l	99
16) Acetone	2.398	43	389351	229.190	ug/l	98
17) Carbon Disulfide	2.514	76	316456	45.012	ug/l	100
18) Methyl Acetate	2.709	43	317026	52.523	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	521238	50.151	ug/l	98
20) Methylene Chloride	2.788	84	162147	48.369	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	151641	49.531	ug/l	98
22) Diisopropyl ether	3.757	45	558877	50.364	ug/l	99
23) Vinyl Acetate	3.721	43	2017259	254.896	ug/l	100
24) 1,1-Dichloroethane	3.611	63	296687	49.692	ug/l	99
25) 2-Butanone	4.568	43	611181	247.326	ug/l	98
26) 2,2-Dichloropropane	4.477	77	195802	39.879	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	181006	49.896	ug/l	98
28) Bromochloromethane	4.897	49	144127	49.348	ug/l	98
29) Tetrahydrofuran	5.013	42	396346	256.026	ug/l	99
30) Chloroform	5.092	83	303412	50.033	ug/l	99
31) Cyclohexane	5.470	56	254249	49.930	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	263414	50.902	ug/l	99
36) 1,1-Dichloropropene	5.696	75	221166	48.768	ug/l	99
37) Ethyl Acetate	4.714	43	240352	50.686	ug/l	98
38) Carbon Tetrachloride	5.678	117	219853	51.420	ug/l	98
39) Methylcyclohexane	7.378	83	232078	48.192	ug/l	96
40) Benzene	6.037	78	646335	49.648	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	136513	52.936	ug/l	98
42) 1,2-Dichloroethane	6.086	62	248555	48.024	ug/l	100
43) Isopropyl Acetate	6.342	43	395741	49.883	ug/l	99
44) Trichloroethene	7.129	130	168611	50.738	ug/l	100
45) 1,2-Dichloropropane	7.433	63	171071	50.428	ug/l	98
46) Dibromomethane	7.580	93	115138	49.328	ug/l	98
47) Bromodichloromethane	7.824	83	224820	52.145	ug/l	98
48) Methyl methacrylate	7.689	41	197587	50.715	ug/l	98
49) 1,4-Dioxane	7.738	88	81156	1010.777	ug/l #	78
51) 4-Methyl-2-Pentanone	8.573	43	1206897	257.047	ug/l	100
52) Toluene	8.720	92	407816	48.045	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	235802	50.840	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	263058	51.826	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	165220	51.429	ug/l	97
56) Ethyl methacrylate	9.116	69	267102	53.065	ug/l	97
57) 1,3-Dichloropropane	9.305	76	287160	50.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	657055	256.372	ug/l	98
59) 2-Hexanone	9.433	43	901509	253.854	ug/l	98
60) Dibromochloromethane	9.518	129	168268	54.984	ug/l	100
61) 1,2-Dibromoethane	9.610	107	172196	51.546	ug/l	100
64) Tetrachloroethene	9.274	164	142260	47.437	ug/l	97
65) Chlorobenzene	10.079	112	435532	49.953	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	161176	53.760	ug/l	99
67) Ethyl Benzene	10.195	91	791875	50.135	ug/l	98
68) m/p-Xylenes	10.299	106	599381	99.343	ug/l	100
69) o-Xylene	10.640	106	296013	50.082	ug/l	100
70) Styrene	10.652	104	498176	52.799	ug/l	98
71) Bromoform	10.799	173	113994	55.904	ug/l #	99
73) Isopropylbenzene	10.963	105	767455	51.525	ug/l	100
74) N-amyl acetate	10.841	43	353121	52.728	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	248874	50.980	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	205898m	50.253	ug/l	
77) Bromobenzene	11.195	156	186587	50.556	ug/l	97
78) n-propylbenzene	11.305	91	867817	50.435	ug/l	100
79) 2-Chlorotoluene	11.366	91	541137	49.810	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	633008	50.828	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	63620	46.535	ug/l	93
82) 4-Chlorotoluene	11.457	91	625622	49.590	ug/l	99
83) tert-Butylbenzene	11.713	119	613396	52.451	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	642445	50.727	ug/l	99
85) sec-Butylbenzene	11.890	105	729981	51.308	ug/l	100
86) p-Isopropyltoluene	12.012	119	629600	53.071	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	343289	51.075	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	347834	49.549	ug/l	99
89) n-Butylbenzene	12.335	91	521088	50.274	ug/l	99
90) Hexachloroethane	12.536	117	101451	55.195	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	344822	51.225	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	54331	53.318	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	204368	53.678	ug/l	99
94) Hexachlorobutadiene	13.725	225	83704	49.986	ug/l	99
95) Naphthalene	13.774	128	720481	53.258	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	201980	52.607	ug/l	99

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

