

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033956.D
 Acq On : 30 Jan 2023 19:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 31 04:52:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2023
 Supervised By : Semsettin Yesilyurt 01/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	156205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	220918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75711	46.033	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.060%		
35) Dibromofluoromethane	5.385	113	70310	51.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.500%		
50) Toluene-d8	8.647	98	249823	49.983	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	93800	50.547	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	52244	42.323	ug/l	98
3) Chloromethane	1.294	50	63404	46.501	ug/l	100
4) Vinyl Chloride	1.374	62	65466	49.473	ug/l	98
5) Bromomethane	1.611	94	30980	40.747	ug/l	100
6) Chloroethane	1.685	64	39582	48.384	ug/l	100
7) Trichlorofluoromethane	1.886	101	102316	47.679	ug/l	96
8) Diethyl Ether	2.130	74	41242	58.696	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	64443	52.079	ug/l	93
10) Methyl Iodide	2.453	142	91675	52.837	ug/l	91
11) Tert butyl alcohol	2.959	59	73548	257.418	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	61028	48.016	ug/l	90
13) Acrolein	2.233	56	84910	322.095	ug/l	100
14) Allyl chloride	2.666	41	109450	45.656	ug/l	88
15) Acrylonitrile	3.062	53	192050	255.406	ug/l	99
16) Acetone	2.380	43	158933	266.732	ug/l	92
17) Carbon Disulfide	2.514	76	115799	36.511	ug/l	99
18) Methyl Acetate	2.703	43	118460	51.609	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	212623	48.166	ug/l	98
20) Methylene Chloride	2.788	84	71379	49.909	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	65910	44.358	ug/l	98
22) Diisopropyl ether	3.757	45	226192	46.896	ug/l	93
23) Vinyl Acetate	3.721	43	860056	236.869	ug/l	98
24) 1,1-Dichloroethane	3.611	63	124236	47.079	ug/l	98
25) 2-Butanone	4.550	43	258457	240.510	ug/l	94
26) 2,2-Dichloropropane	4.477	77	83278	44.057	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	81857	47.919	ug/l	96
28) Bromochloromethane	4.898	49	50661	42.146	ug/l	92
29) Tetrahydrofuran	5.001	42	169623	250.442	ug/l	97
30) Chloroform	5.093	83	127598	47.210	ug/l	99
31) Cyclohexane	5.477	56	103295	42.681	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	106729	46.251	ug/l	98
36) 1,1-Dichloropropene	5.696	75	90178	45.043	ug/l	99
37) Ethyl Acetate	4.708	43	99052	51.963	ug/l	98
38) Carbon Tetrachloride	5.678	117	94885	45.760	ug/l	97
39) Methylcyclohexane	7.379	83	109355	44.230	ug/l	98
40) Benzene	6.038	78	277604	47.571	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58546	53.066	ug/l	97
42) 1,2-Dichloroethane	6.086	62	96557	46.690	ug/l	98
43) Isopropyl Acetate	6.336	43	157298	49.768	ug/l	98
44) Trichloroethene	7.123	130	83229	51.004	ug/l	96
45) 1,2-Dichloropropane	7.428	63	72526	49.613	ug/l	100
46) Dibromomethane	7.580	93	50701	49.655	ug/l	95
47) Bromodichloromethane	7.824	83	96492	49.036	ug/l	99
48) Methyl methacrylate	7.690	41	80519	50.573	ug/l	96
49) 1,4-Dioxane	7.671	88	36834	1045.904	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	512123	263.833	ug/l	99
52) Toluene	8.720	92	184763	49.029	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	97206	49.396	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	110934	50.309	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	77967	52.267	ug/l	98
56) Ethyl methacrylate	9.116	69	113663	54.143	ug/l	96
57) 1,3-Dichloropropane	9.305	76	125778	52.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	264806	256.126	ug/l	98
59) 2-Hexanone	9.427	43	378126	279.881	ug/l	98
60) Dibromochloromethane	9.519	129	82308	53.222	ug/l	100
61) 1,2-Dibromoethane	9.610	107	80270	53.919	ug/l	98
64) Tetrachloroethene	9.275	164	75205	54.556	ug/l	96
65) Chlorobenzene	10.079	112	206671	50.859	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	78024	52.172	ug/l	99
67) Ethyl Benzene	10.195	91	349339	50.070	ug/l	99
68) m/p-Xylenes	10.299	106	278597	102.088	ug/l	98
69) o-Xylene	10.640	106	138729	51.260	ug/l	99
70) Styrene	10.653	104	235038	53.400	ug/l	99
71) Bromoform	10.799	173	65200	52.028	ug/l #	98
73) Isopropylbenzene	10.963	105	364166	52.422	ug/l	99
74) N-amyl acetate	10.842	43	136150	48.999	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	113645	56.244	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	91210m	46.914	ug/l	
77) Bromobenzene	11.195	156	100945	53.906	ug/l	98
78) n-propylbenzene	11.305	91	402374	46.601	ug/l	99
79) 2-Chlorotoluene	11.366	91	242760	52.173	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	300759	47.235	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30497	48.751	ug/l	99
82) 4-Chlorotoluene	11.451	91	275123	51.631	ug/l	97
83) tert-Butylbenzene	11.713	119	313506	49.589	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	301802	50.108	ug/l	100
85) sec-Butylbenzene	11.890	105	378093	50.001	ug/l	99
86) p-Isopropyltoluene	12.006	119	330149	50.996	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	180675	50.533	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	180588	49.582	ug/l	99
89) n-Butylbenzene	12.329	91	263191	49.693	ug/l	100
90) Hexachloroethane	12.536	117	50192	47.132	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	177794	51.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21577	49.971	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	126371	54.376	ug/l	99
94) Hexachlorobutadiene	13.725	225	58056	50.997	ug/l	99
95) Naphthalene	13.774	128	377487	56.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	127542	54.846	ug/l	99

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

