

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
 Data File : VX033814.D
 Acq On : 19 Jan 2023 20:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 20 05:24:49 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 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	199292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	289655	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90688	43.219	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.440%		
35) Dibromofluoromethane	5.385	113	83527	46.440	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.880%		
50) Toluene-d8	8.647	98	302149	46.107	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.220%		
62) 4-Bromofluorobenzene	11.079	95	108319	44.519	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71335	45.295	ug/l	97
3) Chloromethane	1.294	50	85592	49.202	ug/l	99
4) Vinyl Chloride	1.374	62	85612	50.710	ug/l	99
5) Bromomethane	1.617	94	52080	53.690	ug/l	99
6) Chloroethane	1.691	64	46950	44.982	ug/l	99
7) Trichlorofluoromethane	1.886	101	125224	45.738	ug/l	98
8) Diethyl Ether	2.129	74	52353	58.400	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	78422	49.707	ug/l	94
10) Methyl Iodide	2.453	142	102704	46.396	ug/l	93
11) Tert butyl alcohol	3.020	59	91830m	251.917	ug/l	
12) 1,1-Dichloroethene	2.318	96	76649	47.268	ug/l	91
13) Acrolein	2.239	56	73039	217.163	ug/l	99
14) Allyl chloride	2.666	41	139500	45.610	ug/l	88
15) Acrylonitrile	3.068	53	223923	233.411	ug/l	99
16) Acetone	2.398	43	186540	244.336	ug/l	92
17) Carbon Disulfide	2.514	76	180440	44.188	ug/l	99
18) Methyl Acetate	2.709	43	140216	47.881	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	267710	47.533	ug/l	100
20) Methylene Chloride	2.788	84	89794	49.174	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	84261	44.448	ug/l	97
22) Diisopropyl ether	3.757	45	279376	45.400	ug/l	99
23) Vinyl Acetate	3.721	43	1088803	235.037	ug/l	99
24) 1,1-Dichloroethane	3.611	63	152448	45.280	ug/l	99
25) 2-Butanone	4.568	43	307004	223.921	ug/l	98
26) 2,2-Dichloropropane	4.477	77	96368	39.960	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	99416	45.615	ug/l	97
28) Bromochloromethane	4.897	49	69552	45.352	ug/l	95
29) Tetrahydrofuran	5.013	42	199684	231.085	ug/l	98
30) Chloroform	5.092	83	155670	45.144	ug/l	98
31) Cyclohexane	5.470	56	135580	43.909	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	133646	45.394	ug/l	98
36) 1,1-Dichloropropene	5.696	75	113558	43.261	ug/l	98
37) Ethyl Acetate	4.714	43	123764	49.377	ug/l	100
38) Carbon Tetrachloride	5.678	117	119547	43.972	ug/l	99
39) Methylcyclohexane	7.379	83	140041	43.200	ug/l	97
40) Benzene	6.037	78	343908	44.948	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	69776	48.236	ug/l	97
42) 1,2-Dichloroethane	6.086	62	116942	43.129	ug/l	99
43) Isopropyl Acetate	6.342	43	193720	46.747	ug/l	97
44) Trichloroethene	7.122	130	100564	47.002	ug/l	99
45) 1,2-Dichloropropane	7.427	63	88934	46.400	ug/l	99
46) Dibromomethane	7.580	93	61217	45.726	ug/l	97
47) Bromodichloromethane	7.824	83	116055	44.982	ug/l	97
48) Methyl methacrylate	7.689	41	99296	47.567	ug/l	97
49) 1,4-Dioxane	7.720	88	45384	982.869	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	600716	236.034	ug/l	98
52) Toluene	8.720	92	223593	45.252	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	121226	46.983	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	135958	47.026	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	90566	46.306	ug/l	98
56) Ethyl methacrylate	9.116	69	137794	50.062	ug/l	96
57) 1,3-Dichloropropane	9.305	76	148522	46.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	318396	234.879	ug/l	98
59) 2-Hexanone	9.433	43	442598	249.859	ug/l	99
60) Dibromochloromethane	9.518	129	99150	48.898	ug/l	100
61) 1,2-Dibromoethane	9.610	107	95796	49.078	ug/l	97
64) Tetrachloroethene	9.275	164	91308	50.660	ug/l	97
65) Chlorobenzene	10.079	112	246443	46.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	92814	47.569	ug/l	100
67) Ethyl Benzene	10.195	91	421417	46.295	ug/l	98
68) m/p-Xylenes	10.299	106	335754	94.301	ug/l	99
69) o-Xylene	10.640	106	164638	46.628	ug/l	99
70) Styrene	10.652	104	273319	47.596	ug/l	100
71) Bromoform	10.799	173	76769	46.954	ug/l #	98
73) Isopropylbenzene	10.963	105	424439	47.987	ug/l	99
74) N-amyl acetate	10.841	43	168147	47.739	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	129305	50.115	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	103040m	41.810	ug/l	
77) Bromobenzene	11.195	156	115410	48.385	ug/l	99
78) n-propylbenzene	11.305	91	471659	43.093	ug/l	98
79) 2-Chlorotoluene	11.366	91	281256	47.413	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	352111	43.626	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35388	44.627	ug/l	99
82) 4-Chlorotoluene	11.457	91	318714	46.912	ug/l	98
83) tert-Butylbenzene	11.713	119	358205	44.698	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	350106	45.857	ug/l	99
85) sec-Butylbenzene	11.890	105	436626	45.552	ug/l	99
86) p-Isopropyltoluene	12.006	119	377255	45.971	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	208983	46.111	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	207246	44.889	ug/l	98
89) n-Butylbenzene	12.335	91	304262	45.320	ug/l	99
90) Hexachloroethane	12.536	117	62360	46.196	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	206185	47.145	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26854	49.063	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	141004	47.864	ug/l	98
94) Hexachlorobutadiene	13.725	225	63868	44.259	ug/l	99
95) Naphthalene	13.774	128	414179	48.869	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	140409	47.633	ug/l	99

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

