

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033937.D
 Acq On : 30 Jan 2023 11:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 31 04:40:31 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	5.544	168	163142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80674	46.965	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.940%			
35) Dibromofluoromethane	5.379	113	74215	52.496	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.000%			
50) Toluene-d8	8.647	98	263959	51.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.480%			
62) 4-Bromofluorobenzene	11.079	95	98943	51.736	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54799	42.505	ug/l	98
3) Chloromethane	1.294	50	64006	44.946	ug/l	98
4) Vinyl Chloride	1.374	62	66857	48.376	ug/l	98
5) Bromomethane	1.611	94	31433	39.585	ug/l	96
6) Chloroethane	1.685	64	42159	49.343	ug/l	99
7) Trichlorofluoromethane	1.886	101	106529	47.532	ug/l	98
8) Diethyl Ether	2.130	74	42049	57.300	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	68272	52.817	ug/l	94
10) Methyl Iodide	2.453	142	90377	49.874	ug/l	92
11) Tert butyl alcohol	2.953	59	67489	226.167	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	63618	47.925	ug/l	89
13) Acrolein	2.233	56	87735	318.660	ug/l	100
14) Allyl chloride	2.660	41	113367	45.279	ug/l	88
15) Acrylonitrile	3.056	53	193489	246.378	ug/l	99
16) Acetone	2.374	43	177626	286.342	ug/l	92
17) Carbon Disulfide	2.514	76	135509	40.689	ug/l	98
18) Methyl Acetate	2.697	43	119866	50.001	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	220499	47.826	ug/l	99
20) Methylene Chloride	2.788	84	72836	48.701	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	68143	43.911	ug/l	96
22) Diisopropyl ether	3.751	45	233696	46.392	ug/l	98
23) Vinyl Acetate	3.715	43	899153	237.107	ug/l	99
24) 1,1-Dichloroethane	3.605	63	125299	45.463	ug/l	100
25) 2-Butanone	4.544	43	261591	233.076	ug/l	96
26) 2,2-Dichloropropane	4.471	77	93237	47.228	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	83184	46.625	ug/l	97
28) Bromochloromethane	4.891	49	57430	45.746	ug/l	91
29) Tetrahydrofuran	4.995	42	168259	237.865	ug/l	97
30) Chloroform	5.086	83	131270	46.503	ug/l	99
31) Cyclohexane	5.464	56	107746	42.627	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	113374	47.041	ug/l	97
36) 1,1-Dichloropropene	5.690	75	93813	45.468	ug/l	99
37) Ethyl Acetate	4.702	43	99911	50.794	ug/l	99
38) Carbon Tetrachloride	5.672	117	102610	48.017	ug/l	97
39) Methylcyclohexane	7.379	83	116205	45.607	ug/l	95
40) Benzene	6.031	78	283609	47.159	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59741	52.543	ug/l	97
42) 1,2-Dichloroethane	6.080	62	98859	46.385	ug/l	97
43) Isopropyl Acetate	6.330	43	161491	49.579	ug/l	98
44) Trichloroethene	7.123	130	84249	50.097	ug/l	95
45) 1,2-Dichloropropane	7.421	63	74803	49.653	ug/l	99
46) Dibromomethane	7.574	93	52064	49.477	ug/l	96
47) Bromodichloromethane	7.818	83	102866	50.724	ug/l	97
48) Methyl methacrylate	7.690	41	82564	50.319	ug/l	96
49) 1,4-Dioxane	7.671	88	32464	894.467	ug/l #	97
51) 4-Methyl-2-Pentanone	8.568	43	508669	254.279	ug/l	98
52) Toluene	8.714	92	185881	47.862	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	107832	53.170	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	120147	52.871	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	79210	51.525	ug/l	98
56) Ethyl methacrylate	9.116	69	116392	53.798	ug/l	96
57) 1,3-Dichloropropane	9.305	76	128147	51.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	265996	249.644	ug/l	99
59) 2-Hexanone	9.427	43	371891	267.099	ug/l	97
60) Dibromochloromethane	9.519	129	89377	56.078	ug/l	100
61) 1,2-Dibromoethane	9.610	107	83199	54.229	ug/l	98
64) Tetrachloroethene	9.269	164	76272	53.923	ug/l	97
65) Chlorobenzene	10.079	112	209412	50.239	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	83151	54.204	ug/l	99
67) Ethyl Benzene	10.189	91	355750	49.708	ug/l	99
68) m/p-Xylenes	10.299	106	284821	101.748	ug/l	97
69) o-Xylene	10.640	106	138655	49.946	ug/l	99
70) Styrene	10.653	104	233864	51.799	ug/l	100
71) Bromoform	10.799	173	71149	55.350	ug/l #	99
73) Isopropylbenzene	10.963	105	368100	52.003	ug/l	100
74) N-amyl acetate	10.842	43	135655	47.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	111674	54.135	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	91469m	46.190	ug/l	
77) Bromobenzene	11.195	156	100112	52.424	ug/l	98
78) n-propylbenzene	11.305	91	407730	46.361	ug/l	99
79) 2-Chlorotoluene	11.366	91	242093	51.015	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	305788	47.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32920	51.665	ug/l	95
82) 4-Chlorotoluene	11.451	91	277633	51.123	ug/l	98
83) tert-Butylbenzene	11.713	119	316202	49.104	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	302554	49.318	ug/l	100
85) sec-Butylbenzene	11.890	105	385081	49.997	ug/l	99
86) p-Isopropyltoluene	12.006	119	333636	50.596	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	181776	49.914	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	185331	49.957	ug/l	99
89) n-Butylbenzene	12.329	91	277074	51.361	ug/l	99
90) Hexachloroethane	12.536	117	56243	51.851	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	179515	51.083	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23573	53.599	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	129726	54.802	ug/l	100
94) Hexachlorobutadiene	13.725	225	61420	52.969	ug/l	99
95) Naphthalene	13.774	128	374364	54.971	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129715	54.764	ug/l	99

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

