

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034105.D
 Acq On : 09 Feb 2023 17:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 10 01:08:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/10/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	136635	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	183979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	163484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	61900	46.993	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.980%		
35) Dibromofluoromethane	5.379	113	55583	47.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.940%		
50) Toluene-d8	8.647	98	196795	46.648	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.300%		
62) 4-Bromofluorobenzene	11.079	95	73874	49.030	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57753	51.996	ug/l	97
3) Chloromethane	1.294	50	46543	44.404	ug/l	98
4) Vinyl Chloride	1.374	62	48214	43.922	ug/l	99
5) Bromomethane	1.605	94	26259	46.455	ug/l	98
6) Chloroethane	1.685	64	27968	46.075	ug/l	95
7) Trichlorofluoromethane	1.886	101	84895	48.608	ug/l	98
8) Diethyl Ether	2.130	74	26624	44.320	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	56390	48.359	ug/l	93
10) Methyl Iodide	2.453	142	76726	46.444	ug/l	94
11) Tert butyl alcohol	2.953	59	48128	260.790	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	51930	46.418	ug/l	90
13) Acrolein	2.233	56	51012	206.088	ug/l	100
14) Allyl chloride	2.660	41	84681	46.425	ug/l	91
15) Acrylonitrile	3.056	53	136516	230.608	ug/l	100
16) Acetone	2.373	43	128787	231.488	ug/l	95
17) Carbon Disulfide	2.508	76	121824	42.920	ug/l	98
18) Methyl Acetate	2.697	43	81376	47.022	ug/l	95
19) Methyl tert-butyl Ether	3.105	73	171315	49.659	ug/l	99
20) Methylene Chloride	2.788	84	57266	44.992	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	56408	46.293	ug/l	95
22) Diisopropyl ether	3.751	45	166914	46.370	ug/l	94
23) Vinyl Acetate	3.715	43	641891	234.178	ug/l	96
24) 1,1-Dichloroethane	3.605	63	99161	47.793	ug/l	99
25) 2-Butanone	4.544	43	183642	226.689	ug/l	93
26) 2,2-Dichloropropane	4.471	77	75526	49.902	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	66286	47.293	ug/l	96
28) Bromochloromethane	4.885	49	41897	45.929	ug/l	86
29) Tetrahydrofuran	4.995	42	115831	224.811	ug/l	93
30) Chloroform	5.086	83	104936	48.528	ug/l	99
31) Cyclohexane	5.464	56	86923	45.313	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	93642	50.285	ug/l	98
36) 1,1-Dichloropropene	5.684	75	77853	48.495	ug/l	99
37) Ethyl Acetate	4.702	43	70129	46.893	ug/l	97
38) Carbon Tetrachloride	5.672	117	86212	50.352	ug/l	99
39) Methylcyclohexane	7.373	83	96264	47.637	ug/l	94
40) Benzene	6.031	78	222177	47.832	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	39868	47.371	ug/l	94
42) 1,2-Dichloroethane	6.074	62	81844	51.853	ug/l	99
43) Isopropyl Acetate	6.330	43	113412	48.627	ug/l	97
44) Trichloroethene	7.123	130	70026	49.052	ug/l	93
45) 1,2-Dichloropropane	7.421	63	55155	48.093	ug/l	99
46) Dibromomethane	7.574	93	40751	49.597	ug/l	94
47) Bromodichloromethane	7.818	83	79890	51.313	ug/l	100
48) Methyl methacrylate	7.683	41	59594	49.489	ug/l	94
49) 1,4-Dioxane	7.659	88	25906	1117.640	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	353017	241.307	ug/l	97
52) Toluene	8.714	92	147484	48.993	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	82728	52.858	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	91246	51.243	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	59705	49.655	ug/l	98
56) Ethyl methacrylate	9.110	69	86228	51.346	ug/l	95
57) 1,3-Dichloropropane	9.305	76	96363	49.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	187778	240.323	ug/l	95
59) 2-Hexanone	9.427	43	261681	244.426	ug/l	98
60) Dibromochloromethane	9.519	129	69751	52.341	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64150	49.616	ug/l	98
64) Tetrachloroethene	9.269	164	65105	47.693	ug/l	94
65) Chlorobenzene	10.079	112	166088	49.191	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	65488	51.327	ug/l	98
67) Ethyl Benzene	10.189	91	284364	49.759	ug/l	99
68) m/p-Xylenes	10.299	106	227297	99.502	ug/l	100
69) o-Xylene	10.640	106	111355	50.756	ug/l	100
70) Styrene	10.652	104	186432	51.595	ug/l	99
71) Bromoform	10.799	173	56034	53.840	ug/l #	100
73) Isopropylbenzene	10.957	105	295292	48.508	ug/l	100
74) N-amyl acetate	10.841	43	96307	48.023	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	83121	45.380	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78572m	50.237	ug/l	
77) Bromobenzene	11.195	156	80706	47.810	ug/l	96
78) n-propylbenzene	11.305	91	331416	49.238	ug/l	99
79) 2-Chlorotoluene	11.360	91	195091	47.869	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	247458	48.836	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24033	47.322	ug/l	99
82) 4-Chlorotoluene	11.451	91	225365	48.891	ug/l	99
83) tert-Butylbenzene	11.713	119	254144	48.547	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	250698	49.523	ug/l	98
85) sec-Butylbenzene	11.890	105	310961	49.647	ug/l	100
86) p-Isopropyltoluene	12.006	119	276627	50.356	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	148825	48.048	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	149399	47.508	ug/l	99
89) n-Butylbenzene	12.329	91	217977	50.610	ug/l	99
90) Hexachloroethane	12.536	117	43244	50.004	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	143281	47.431	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17962	49.871	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	109712	51.401	ug/l	99
94) Hexachlorobutadiene	13.725	225	52578	49.766	ug/l	99
95) Naphthalene	13.774	128	292741	49.919	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	107193	49.996	ug/l	99

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

