

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031106.D
 Acq On : 04 Sep 2022 00:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 06 01:10:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	183301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	291301	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113065	47.939	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.880%		
35) Dibromofluoromethane	5.391	113	105919	49.825	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.660%		
50) Toluene-d8	8.653	98	373606	47.753	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.500%		
62) 4-Bromofluorobenzene	11.079	95	130794	47.332	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	83506	44.275	ug/l	97
3) Chloromethane	1.288	50	67279	42.838	ug/l	100
4) Vinyl Chloride	1.374	62	84173	42.723	ug/l	96
5) Bromomethane	1.611	94	54089	61.408	ug/l	95
6) Chloroethane	1.684	64	37262	31.953	ug/l	97
7) Trichlorofluoromethane	1.886	101	170905	51.336	ug/l	100
8) Diethyl Ether	2.136	74	53434	46.021	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	103136	46.771	ug/l	90
10) Methyl Iodide	2.453	142	154476	71.080	ug/l	97
11) Tert butyl alcohol	3.001	59	127735	269.735	ug/l	98
12) 1,1-Dichloroethene	2.318	96	102045	47.920	ug/l	91
13) Acrolein	2.239	56	100509	232.880	ug/l	99
14) Allyl chloride	2.666	41	118151	41.778	ug/l #	85
15) Acrylonitrile	3.068	53	257203	232.599	ug/l	99
16) Acetone	2.392	43	211020	231.761	ug/l	98
17) Carbon Disulfide	2.514	76	238838	43.188	ug/l	98
18) Methyl Acetate	2.709	43	117264	44.819	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	325260	49.598	ug/l	93
20) Methylene Chloride	2.788	84	111245	50.222	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	109306	46.129	ug/l	94
22) Diisopropyl ether	3.763	45	253376	44.465	ug/l #	90
23) Vinyl Acetate	3.727	43	1082715	235.234	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	173890	45.287	ug/l	98
25) 2-Butanone	4.568	43	318269	226.421	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	105554	34.449	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	127466	47.997	ug/l	90
28) Bromochloromethane	4.903	49	48721	42.828	ug/l #	52
29) Tetrahydrofuran	5.013	42	195054	215.241	ug/l #	75
30) Chloroform	5.098	83	205870	48.892	ug/l	97
31) Cyclohexane	5.470	56	139831	43.401	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	185720	51.453	ug/l	95
36) 1,1-Dichloropropene	5.696	75	140121	47.058	ug/l	98
37) Ethyl Acetate	4.720	43	122768	47.453	ug/l	94
38) Carbon Tetrachloride	5.684	117	163567	52.920	ug/l	99
39) Methylcyclohexane	7.385	83	169618	45.963	ug/l	93
40) Benzene	6.043	78	417821	48.874	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	64891	47.045	ug/l #	84
42) 1,2-Dichloroethane	6.092	62	150164	53.249	ug/l	99
43) Isopropyl Acetate	6.348	43	194762	48.168	ug/l #	91
44) Trichloroethene	7.129	130	132035	48.795	ug/l	94
45) 1,2-Dichloropropane	7.433	63	98989	45.174	ug/l	96
46) Dibromomethane	7.586	93	81999	49.997	ug/l	89
47) Bromodichloromethane	7.824	83	155936	50.892	ug/l	98
48) Methyl methacrylate	7.696	41	96830	47.435	ug/l #	85
49) 1,4-Dioxane	7.689	88	61003	982.511	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	609321	234.415	ug/l	88
52) Toluene	8.720	92	276791	49.925	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	154666	50.979	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	181703	53.562	ug/l #	82
55) 1,1,2-Trichloroethane	9.153	97	120670	51.197	ug/l	95
56) Ethyl methacrylate	9.116	69	168810	52.391	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	181547	48.715	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	379353	235.770	ug/l	89
59) 2-Hexanone	9.433	43	462239	235.157	ug/l	89
60) Dibromochloromethane	9.524	129	134440	54.933	ug/l	99
61) 1,2-Dibromoethane	9.610	107	132640	53.306	ug/l	98
64) Tetrachloroethene	9.275	164	117097	44.579	ug/l	97
65) Chlorobenzene	10.079	112	307058	48.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	124487	53.657	ug/l	98
67) Ethyl Benzene	10.195	91	531764	49.401	ug/l	99
68) m/p-Xylenes	10.305	106	417136	98.807	ug/l	100
69) o-Xylene	10.646	106	206091	49.775	ug/l	100
70) Styrene	10.658	104	340825	50.865	ug/l	99
71) Bromoform	10.799	173	100512	55.717	ug/l	99
73) Isopropylbenzene	10.963	105	542945	52.992	ug/l	100
74) N-amyl acetate	10.847	43	154075	49.819	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	164704	50.269	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	146110m	48.629	ug/l	
77) Bromobenzene	11.201	156	137193	51.935	ug/l	86
78) n-propylbenzene	11.305	91	597944	51.240	ug/l	97
79) 2-Chlorotoluene	11.366	91	355320	49.448	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	442896	51.367	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	46225	48.350	ug/l	93
82) 4-Chlorotoluene	11.457	91	400958	49.870	ug/l	98
83) tert-Butylbenzene	11.719	119	450607	52.508	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	438182	51.130	ug/l	98
85) sec-Butylbenzene	11.890	105	556460	49.506	ug/l	99
86) p-Isopropyltoluene	12.012	119	467891	52.561	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	245000	48.418	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	245905	48.797	ug/l	98
89) n-Butylbenzene	12.335	91	375665	46.803	ug/l	98
90) Hexachloroethane	12.542	117	79990	49.584	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	243161	46.854	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42679	53.463	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	199565	60.759	ug/l	96
94) Hexachlorobutadiene	13.725	225	73705	51.252	ug/l	97
95) Naphthalene	13.774	128	683147	59.297	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	192981	56.012	ug/l	98

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

