

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036496.D
 Acq On : 10 Jul 2023 20:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 11 01:34:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	153375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287823	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	125283	56.985	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.980%			
35) Dibromofluoromethane	5.385	113	100252	52.825	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.640%			
50) Toluene-d8	8.647	98	350681	49.473	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.940%			
62) 4-Bromofluorobenzene	11.079	95	131752	52.769	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	66648	45.899	ug/l	95
3) Chloromethane	1.295	50	106949	42.458	ug/l	99
4) Vinyl Chloride	1.374	62	108714	39.477	ug/l	98
5) Bromomethane	1.612	94	120444	59.773	ug/l	99
6) Chloroethane	1.679	64	90135	44.585	ug/l	99
7) Trichlorofluoromethane	1.886	101	180181	43.036	ug/l	99
8) Diethyl Ether	2.136	74	83964	51.951	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	81930	46.627	ug/l	97
10) Methyl Iodide	2.453	142	103736	48.723	ug/l	93
11) Tert butyl alcohol	2.977	59	135168m	337.757	ug/l	
12) 1,1-Dichloroethene	2.319	96	88901	51.003	ug/l	88
13) Acrolein	2.239	56	100572	182.988	ug/l	99
14) Allyl chloride	2.660	41	158558	55.974	ug/l	97
15) Acrylonitrile	3.069	53	306772	302.424	ug/l	99
16) Acetone	2.386	43	271263	288.666	ug/l	93
17) Carbon Disulfide	2.514	76	193305	45.155	ug/l	99
18) Methyl Acetate	2.703	43	243482	63.008	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	349114	61.975	ug/l	98
20) Methylene Chloride	2.788	84	111838	55.275	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	97525	52.432	ug/l	93
22) Diisopropyl ether	3.757	45	348362	61.373	ug/l	94
23) Vinyl Acetate	3.721	43	1301032	315.847	ug/l	98
24) 1,1-Dichloroethane	3.611	63	198623	59.376	ug/l	99
25) 2-Butanone	4.556	43	423667	313.786	ug/l	96
26) 2,2-Dichloropropane	4.477	77	126702	53.404	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	120954	57.984	ug/l	92
28) Bromochloromethane	4.898	49	77882	44.892	ug/l	90
29) Tetrahydrofuran	5.001	42	274023	318.777	ug/l	96
30) Chloroform	5.093	83	204863	60.803	ug/l	99
31) Cyclohexane	5.471	56	131741	46.760	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	163332	58.035	ug/l	99
36) 1,1-Dichloropropene	5.696	75	130786	46.231	ug/l	97
37) Ethyl Acetate	4.715	43	166498	57.746	ug/l	98
38) Carbon Tetrachloride	5.678	117	133834	51.798	ug/l	97
39) Methylcyclohexane	7.379	83	139340	41.123	ug/l	95
40) Benzene	6.038	78	424829	53.758	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	89161	55.743	ug/l	92
42) 1,2-Dichloroethane	6.086	62	164350	54.677	ug/l	99
43) Isopropyl Acetate	6.342	43	274235	59.621	ug/l	97
44) Trichloroethene	7.129	130	112109	51.003	ug/l	95
45) 1,2-Dichloropropane	7.428	63	117936	54.796	ug/l	100
46) Dibromomethane	7.580	93	83886	55.369	ug/l	95
47) Bromodichloromethane	7.824	83	155855	56.886	ug/l	95
48) Methyl methacrylate	7.690	41	131273	57.239	ug/l	91
49) 1,4-Dioxane	7.684	88	56067	1102.778	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	860385	290.337	ug/l	99
52) Toluene	8.720	92	260178	51.950	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	164072	59.284	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	179654	57.424	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	116641	56.040	ug/l	93
56) Ethyl methacrylate	9.116	69	184751	59.344	ug/l	96
57) 1,3-Dichloropropane	9.311	76	195371	54.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	475977	272.049	ug/l	99
59) 2-Hexanone	9.433	43	644049	297.616	ug/l	97
60) Dibromochloromethane	9.519	129	119647	59.165	ug/l	100
61) 1,2-Dibromoethane	9.610	107	122367	55.398	ug/l	100
64) Tetrachloroethene	9.275	164	99212	54.331	ug/l	98
65) Chlorobenzene	10.080	112	290752	53.481	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	107983	58.763	ug/l	98
67) Ethyl Benzene	10.195	91	505596	52.312	ug/l	98
68) m/p-Xylenes	10.299	106	384748	102.461	ug/l	98
69) o-Xylene	10.640	106	197646	54.505	ug/l	96
70) Styrene	10.653	104	321974	54.229	ug/l	96
71) Bromoform	10.799	173	82441	62.548	ug/l #	99
73) Isopropylbenzene	10.964	105	482847	51.087	ug/l	98
74) N-amyl acetate	10.842	43	235596	63.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	176118	55.026	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	147658m	55.196	ug/l	
77) Bromobenzene	11.195	156	123129	52.981	ug/l	92
78) n-propylbenzene	11.305	91	554963	50.277	ug/l	99
79) 2-Chlorotoluene	11.366	91	342730	52.195	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	415568	51.918	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	49320	60.097	ug/l	91
82) 4-Chlorotoluene	11.451	91	395139	51.688	ug/l	97
83) tert-Butylbenzene	11.713	119	386807	50.425	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	415986	52.531	ug/l	97
85) sec-Butylbenzene	11.890	105	476986	49.083	ug/l	99
86) p-Isopropyltoluene	12.006	119	408147	50.044	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	223221	52.241	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	220948	50.782	ug/l	97
89) n-Butylbenzene	12.335	91	355480	48.976	ug/l	98
90) Hexachloroethane	12.536	117	66857	54.124	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	224555	53.372	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39325	64.686	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	139721	53.915	ug/l	97
94) Hexachlorobutadiene	13.725	225	46284	43.608	ug/l	98
95) Naphthalene	13.774	128	509874	59.555	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143395	56.725	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

