

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030966.D
 Acq On : 31 Aug 2022 09:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 00:54:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	200824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133553	46.366	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.740%		
35) Dibromofluoromethane	5.385	113	120990	49.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.180%		
50) Toluene-d8	8.647	98	448889	49.677	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.360%		
62) 4-Bromofluorobenzene	11.079	95	161995	50.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	106211	49.991	ug/l	100
3) Chloromethane	1.288	50	94650	44.202	ug/l	99
4) Vinyl Chloride	1.374	62	115329	45.590	ug/l	100
5) Bromomethane	1.611	94	47537	61.757	ug/l	98
6) Chloroethane	1.685	64	52564	34.558	ug/l	99
7) Trichlorofluoromethane	1.886	101	181843	47.263	ug/l	96
8) Diethyl Ether	2.136	74	65906	44.386	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	123650	49.976	ug/l	96
10) Methyl Iodide	2.453	142	127431	54.989	ug/l	96
11) Tert butyl alcohol	2.995	59	136384	199.853	ug/l	98
12) 1,1-Dichloroethene	2.319	96	118666	48.621	ug/l	99
13) Acrolein	2.239	56	87662	252.955	ug/l	99
14) Allyl chloride	2.666	41	183394	46.316	ug/l	95
15) Acrylonitrile	3.069	53	338861	224.869	ug/l	98
16) Acetone	2.392	43	296790	228.298	ug/l	99
17) Carbon Disulfide	2.508	76	305506	47.428	ug/l	100
18) Methyl Acetate	2.709	43	162414	42.588	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	379549	47.746	ug/l	96
20) Methylene Chloride	2.788	84	132350	44.778	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	127102	48.028	ug/l	93
22) Diisopropyl ether	3.764	45	364731	44.702	ug/l	87
23) Vinyl Acetate	3.721	43	1502624	229.561	ug/l	97
24) 1,1-Dichloroethane	3.611	63	223998	46.880	ug/l	98
25) 2-Butanone	4.562	43	462239	219.642	ug/l	94
26) 2,2-Dichloropropane	4.477	77	176046	48.893	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	148386	48.658	ug/l	98
28) Bromochloromethane	4.898	49	73680	47.671	ug/l	87
29) Tetrahydrofuran	5.013	42	285177	209.468	ug/l	91
30) Chloroform	5.093	83	233731	47.154	ug/l	99
31) Cyclohexane	5.471	56	197173	46.250	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	202849	48.276	ug/l	96
36) 1,1-Dichloropropene	5.690	75	175067	48.273	ug/l	99
37) Ethyl Acetate	4.721	43	171835	45.070	ug/l	98
38) Carbon Tetrachloride	5.678	117	176293	51.062	ug/l	96
39) Methylcyclohexane	7.385	83	229132	51.655	ug/l	96
40) Benzene	6.038	78	517125	49.475	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	93636	45.217	ug/l	94
42) 1,2-Dichloroethane	6.092	62	169219	48.737	ug/l	99
43) Isopropyl Acetate	6.336	43	269305	45.520	ug/l	96
44) Trichloroethene	7.123	130	155098	50.369	ug/l	98
45) 1,2-Dichloropropane	7.434	63	135360	48.516	ug/l	99
46) Dibromomethane	7.586	93	94745	49.727	ug/l	95
47) Bromodichloromethane	7.824	83	183533	50.107	ug/l	96
48) Methyl methacrylate	7.696	41	134696	45.485	ug/l	91
49) 1,4-Dioxane	7.684	88	71101	913.593	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	859842	220.199	ug/l	93
52) Toluene	8.720	92	324952	50.880	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	194053	52.505	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	215636	51.000	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	138069	49.839	ug/l	96
56) Ethyl methacrylate	9.116	69	207467	51.135	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	226672	49.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	510942	250.737	ug/l	98
59) 2-Hexanone	9.433	43	685524	236.087	ug/l	94
60) Dibromochloromethane	9.525	129	145378	52.803	ug/l	99
61) 1,2-Dibromoethane	9.610	107	148168	51.805	ug/l	98
64) Tetrachloroethene	9.275	164	160164	56.293	ug/l	97
65) Chlorobenzene	10.079	112	355599	49.995	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	132747	52.674	ug/l	99
67) Ethyl Benzene	10.195	91	646869	51.271	ug/l	99
68) m/p-Xylenes	10.299	106	503706	105.402	ug/l	99
69) o-Xylene	10.640	106	243735	52.112	ug/l	97
70) Styrene	10.659	104	408485	51.736	ug/l	99
71) Bromoform	10.799	173	107483	54.353	ug/l #	99
73) Isopropylbenzene	10.963	105	647285	51.049	ug/l	99
74) N-amyl acetate	10.842	43	227551	46.419	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	202147	46.535	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	197366m	50.021	ug/l	
77) Bromobenzene	11.201	156	156377	50.894	ug/l	93
78) n-propylbenzene	11.305	91	760081	51.150	ug/l	100
79) 2-Chlorotoluene	11.366	91	441847	47.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	545794	51.085	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	67420	50.802	ug/l	94
82) 4-Chlorotoluene	11.457	91	523138	50.702	ug/l	100
83) tert-Butylbenzene	11.713	119	522369	49.806	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	551536	50.425	ug/l	100
85) sec-Butylbenzene	11.890	105	706625	51.909	ug/l	99
86) p-Isopropyltoluene	12.012	119	599085	53.048	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	327255	54.018	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	313404	50.455	ug/l	99
89) n-Butylbenzene	12.335	91	568528	53.788	ug/l	98
90) Hexachloroethane	12.536	117	107121	54.025	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	317979	51.744	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52336	48.298	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	210244	53.520	ug/l	97
94) Hexachlorobutadiene	13.725	225	86996	52.150	ug/l	99
95) Naphthalene	13.774	128	724022	51.534	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	208986	52.691	ug/l	99

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

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