

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030840.D
 Acq On : 27 Aug 2022 00:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 08/29/2022

Quant Time: Aug 27 06:28:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	199874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	352132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130781	55.627	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.260%			
35) Dibromofluoromethane	5.385	113	109271	50.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	8.653	98	373408	49.515	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.020%			
62) 4-Bromofluorobenzene	11.079	95	146076	52.028	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80550	43.487	ug/l	96
3) Chloromethane	1.288	50	78878	52.395	ug/l	99
4) Vinyl Chloride	1.374	62	85392	47.175	ug/l	99
5) Bromomethane	1.611	94	50455	54.177	ug/l	98
6) Chloroethane	1.678	64	58043	55.223	ug/l	100
7) Trichlorofluoromethane	1.886	101	141515	46.254	ug/l	97
8) Diethyl Ether	2.136	74	68405	59.089	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	84340	43.330	ug/l	96
10) Methyl Iodide	2.453	142	72831	45.190	ug/l	92
11) Tert butyl alcohol	2.989	59	154551	302.822	ug/l	99
12) 1,1-Dichloroethene	2.318	96	78691	43.432	ug/l	93
13) Acrolein	2.239	56	149360	327.412	ug/l	100
14) Allyl chloride	2.666	41	165292	49.304	ug/l	96
15) Acrylonitrile	3.068	53	383937	306.835	ug/l	99
16) Acetone	2.386	43	325051	299.188	ug/l	95
17) Carbon Disulfide	2.507	76	155317	43.515	ug/l	98
18) Methyl Acetate	2.709	43	204491	61.241	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	373208	59.485	ug/l	97
20) Methylene Chloride	2.788	84	115566	58.145	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	89124	45.793	ug/l	93
22) Diisopropyl ether	3.763	45	393645	58.458	ug/l	94
23) Vinyl Acetate	3.727	43	1640101	303.672	ug/l	100
24) 1,1-Dichloroethane	3.611	63	197738	51.808	ug/l	99
25) 2-Butanone	4.562	43	537498	307.123	ug/l	97
26) 2,2-Dichloropropane	4.477	77	88240	31.916	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	122001	50.741	ug/l	99
28) Bromochloromethane	4.903	49	94222	57.376	ug/l	98
29) Tetrahydrofuran	5.013	42	350671	307.007	ug/l	97
30) Chloroform	5.092	83	215391	53.617	ug/l	99
31) Cyclohexane	5.470	56	134513	44.744	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	162231	49.948	ug/l	99
36) 1,1-Dichloropropene	5.696	75	126613	42.964	ug/l	98
37) Ethyl Acetate	4.720	43	197490	56.579	ug/l	98
38) Carbon Tetrachloride	5.678	117	133490	42.944	ug/l	97
39) Methylcyclohexane	7.379	83	139760	39.625	ug/l	94
40) Benzene	6.037	78	429411	48.703	ug/l	98

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41) Methacrylonitrile	4.922	41	113724	58.307	ug/l	97
42) 1,2-Dichloroethane	6.086	62	172208	55.046	ug/l	97
43) Isopropyl Acetate	6.342	43	301362	57.319	ug/l	99
44) Trichloroethene	7.129	130	113532	44.570	ug/l	99
45) 1,2-Dichloropropane	7.433	63	124165	50.906	ug/l	98
46) Dibromomethane	7.580	93	88982	51.355	ug/l	99
47) Bromodichloromethane	7.824	83	174653	53.528	ug/l	98
48) Methyl methacrylate	7.696	41	152038	58.011	ug/l	97
49) 1,4-Dioxane	7.683	88	76041	1175.301	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1067038	300.897	ug/l	100
52) Toluene	8.720	92	273167	49.637	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	166591	52.842	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	179979	50.697	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	135377	55.354	ug/l	100
56) Ethyl methacrylate	9.116	69	205243	58.518	ug/l	97
57) 1,3-Dichloropropane	9.311	76	217355	55.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	567956	302.805	ug/l	99
59) 2-Hexanone	9.433	43	817840	307.405	ug/l	100
60) Dibromochloromethane	9.524	129	140742	55.187	ug/l	100
61) 1,2-Dibromoethane	9.610	107	137322	55.372	ug/l	99
64) Tetrachloroethene	9.275	164	114501	42.814	ug/l	96
65) Chlorobenzene	10.079	112	306318	46.641	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	120432	48.867	ug/l	98
67) Ethyl Benzene	10.195	91	522728	46.068	ug/l	99
68) m/p-Xylenes	10.305	106	405176	93.203	ug/l	97
69) o-Xylene	10.646	106	205480	47.767	ug/l	96
70) Styrene	10.658	104	360086	50.440	ug/l	98
71) Bromoform	10.799	173	101152	49.674	ug/l #	97
73) Isopropylbenzene	10.963	105	526314	46.304	ug/l	100
74) N-amyl acetate	10.841	43	256878	58.018	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	210429	54.121	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	197464m	53.140	ug/l	
77) Bromobenzene	11.201	156	135227	48.287	ug/l	98
78) n-propylbenzene	11.305	91	616063	47.126	ug/l	100
79) 2-Chlorotoluene	11.366	91	375913	46.944	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	448034	47.096	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	57384	49.825	ug/l	96
82) 4-Chlorotoluene	11.457	91	433996	48.352	ug/l	99
83) tert-Butylbenzene	11.719	119	431428	47.121	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	457637	49.672	ug/l	98
85) sec-Butylbenzene	11.890	105	563535	47.233	ug/l	99
86) p-Isopropyltoluene	12.012	119	468780	47.778	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	254134	48.105	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	258508	47.681	ug/l	99
89) n-Butylbenzene	12.335	91	411262	45.280	ug/l	99
90) Hexachloroethane	12.542	117	81840	43.021	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	262961	47.283	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49388	49.350	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	162544	46.743	ug/l	98
94) Hexachlorobutadiene	13.725	225	60063	41.471	ug/l	98
95) Naphthalene	13.774	128	633733	52.351	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	170506	46.376	ug/l	99

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

