

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030766.D
 Acq On : 25 Aug 2022 11:34
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Quant Time: Aug 26 01:46:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 01:44:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	261764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	427621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136915	44.426	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.860%		
35) Dibromofluoromethane	5.391	113	123022	46.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.180%		
50) Toluene-d8	8.653	98	429410	43.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.100%		
62) 4-Bromofluorobenzene	11.085	95	165219	47.512	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	115397	44.185	ug/l	100
3) Chloromethane	1.288	50	97714	38.583	ug/l	99
4) Vinyl Chloride	1.374	62	116993	40.932	ug/l	97
5) Bromomethane	1.605	94	53003	42.387	ug/l	97
6) Chloroethane	1.685	64	68712	42.297	ug/l	98
7) Trichlorofluoromethane	1.886	101	180575	47.640	ug/l	94
8) Diethyl Ether	2.136	74	68926	44.252	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	117021	45.299	ug/l	97
10) Methyl Iodide	2.453	142	99754	49.147	ug/l	94
11) Tert butyl alcohol	2.995	59	146803	188.783	ug/l	97
12) 1,1-Dichloroethene	2.319	96	105813	41.857	ug/l	95
13) Acrolein	2.240	56	140525	575.599	ug/l	99
14) Allyl chloride	2.666	41	199969	44.669	ug/l	98
15) Acrylonitrile	3.069	53	387713	216.567	ug/l	99
16) Acetone	2.392	43	332903	227.555	ug/l	97
17) Carbon Disulfide	2.508	76	226830	37.192	ug/l	97
18) Methyl Acetate	2.709	43	203478	45.521	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	393881	47.992	ug/l	97
20) Methylene Chloride	2.788	84	128541	38.490	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	114191	43.174	ug/l	99
22) Diisopropyl ether	3.764	45	416450	46.973	ug/l	96
23) Vinyl Acetate	3.727	43	1704334	230.515	ug/l	99
24) 1,1-Dichloroethane	3.611	63	228894	46.585	ug/l	99
25) 2-Butanone	4.568	43	539870	219.523	ug/l	100
26) 2,2-Dichloropropane	4.477	77	174918	50.005	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	143290	43.887	ug/l	98
28) Bromochloromethane	4.904	49	100163	48.180	ug/l	97
29) Tetrahydrofuran	5.013	42	348934	210.666	ug/l	100
30) Chloroform	5.099	83	237278	48.165	ug/l	97
31) Cyclohexane	5.471	56	185581	42.702	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	202019	50.009	ug/l	98
36) 1,1-Dichloropropene	5.696	75	163119	47.357	ug/l	98
37) Ethyl Acetate	4.721	43	197036	44.982	ug/l	98
38) Carbon Tetrachloride	5.678	117	174856	53.278	ug/l	97
39) Methylcyclohexane	7.385	83	199335	46.387	ug/l	94
40) Benzene	6.044	78	495923	46.188	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	114040	48.038	ug/l	99
42) 1,2-Dichloroethane	6.099	62	176088	51.551	ug/l	99
43) Isopropyl Acetate	6.349	43	308381	46.599	ug/l	100
44) Trichloroethene	7.129	130	144101	45.546	ug/l	97
45) 1,2-Dichloropropane	7.434	63	140579	49.509	ug/l	99
46) Dibromomethane	7.586	93	97738	50.043	ug/l	97
47) Bromodichloromethane	7.824	83	192352	53.375	ug/l	96
48) Methyl methacrylate	7.696	41	154592	50.326	ug/l	98
49) 1,4-Dioxane	7.678	88	73087	925.318	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1042620	237.453	ug/l	99
52) Toluene	8.720	92	317395	46.342	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	192363	52.166	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	214244	50.804	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	143127	49.977	ug/l	99
56) Ethyl methacrylate	9.122	69	216890	50.806	ug/l	97
57) 1,3-Dichloropropane	9.311	76	227543	50.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	586518	253.189	ug/l	100
59) 2-Hexanone	9.433	43	799194	238.307	ug/l	98
60) Dibromochloromethane	9.525	129	152441	53.929	ug/l	100
61) 1,2-Dibromoethane	9.610	107	146340	49.308	ug/l	98
64) Tetrachloroethene	9.275	164	142945	47.377	ug/l	98
65) Chlorobenzene	10.080	112	347668	46.552	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	136699	52.570	ug/l	98
67) Ethyl Benzene	10.195	91	620805	49.018	ug/l	100
68) m/p-Xylenes	10.305	106	477774	96.356	ug/l	97
69) o-Xylene	10.647	106	237526	47.870	ug/l	96
70) Styrene	10.659	104	408888	49.328	ug/l	98
71) Bromoform	10.799	173	113491	54.027	ug/l #	98
73) Isopropylbenzene	10.964	105	636066	46.626	ug/l	100
74) N-amyl acetate	10.848	43	262239	44.511	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	211252	43.016	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	230234m	49.970	ug/l	
77) Bromobenzene	11.201	156	151437	44.368	ug/l	99
78) n-propylbenzene	11.305	91	743637	46.097	ug/l	98
79) 2-Chlorotoluene	11.366	91	436142	44.984	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	535531	46.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	68279	44.515	ug/l	99
82) 4-Chlorotoluene	11.457	91	504770	46.311	ug/l	99
83) tert-Butylbenzene	11.713	119	531603	47.781	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	538117	47.313	ug/l	99
85) sec-Butylbenzene	11.890	105	701683	47.922	ug/l	99
86) p-Isopropyltoluene	12.012	119	575625	48.950	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	315873	49.406	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	311300	47.531	ug/l	99
89) n-Butylbenzene	12.335	91	560993	52.833	ug/l	98
90) Hexachloroethane	12.543	117	110355	53.826	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	315536	48.358	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57862	50.728	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	211237	52.344	ug/l	98
94) Hexachlorobutadiene	13.725	225	85974	52.903	ug/l	98
95) Naphthalene	13.780	128	771099	48.790	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	227001	54.860	ug/l	99

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

