

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026612.D
 Acq On : 27 Jan 2022 10:11
 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 : Mahesh Dadoda 02/09/2022
 Supervised By : Semsettin Yesilyurt 02/09/2022

Quant Time: Jan 28 04:23:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	104118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167840	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61237	42.103	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.200%		
35) Dibromofluoromethane	5.385	113	49271	45.459	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.920%		
50) Toluene-d8	8.647	98	186949	47.865	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.720%		
62) 4-Bromofluorobenzene	11.079	95	70387	50.730	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	53981	43.906	ug/l	99
3) Chloromethane	1.294	50	54728	48.558	ug/l	99
4) Vinyl Chloride	1.380	62	56353	47.622	ug/l	100
5) Bromomethane	1.617	94	28059	51.402	ug/l	100
6) Chloroethane	1.697	64	26979	45.087	ug/l	99
7) Trichlorofluoromethane	1.892	101	85524	45.777	ug/l	99
8) Diethyl Ether	2.136	74	31640	47.859	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	56052	49.232	ug/l	99
10) Methyl Iodide	2.459	142	71190	57.365	ug/l	98
11) Tert butyl alcohol	3.038	59	42145	208.298	ug/l #	88
12) 1,1-Dichloroethene	2.325	96	52179	47.986	ug/l	94
13) Acrolein	2.239	56	38228	177.807	ug/l	99
14) Allyl chloride	2.666	41	96214	48.115	ug/l	97
15) Acrylonitrile	3.068	53	157422	252.752	ug/l	99
16) Acetone	2.392	43	173608	234.063	ug/l	99
17) Carbon Disulfide	2.520	76	136140	42.883	ug/l	100
18) Methyl Acetate	2.703	43	73521	49.860	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	187216	47.450	ug/l	100
20) Methylene Chloride	2.794	84	59651	48.676	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	56085	47.644	ug/l	99
22) Diisopropyl ether	3.757	45	200726	49.417	ug/l	95
23) Vinyl Acetate	3.721	43	816695	244.258	ug/l	98
24) 1,1-Dichloroethane	3.611	63	107160	48.849	ug/l	100
25) 2-Butanone	4.556	43	240373	249.201	ug/l	99
26) 2,2-Dichloropropane	4.483	77	81423	50.074	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	66356	49.391	ug/l	99
28) Bromochloromethane	4.897	49	42971	47.705	ug/l	99
29) Tetrahydrofuran	5.007	42	138610	241.953	ug/l	99
30) Chloroform	5.092	83	110873	48.643	ug/l	100
31) Cyclohexane	5.470	56	99296	46.286	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	97394	48.578	ug/l	100
36) 1,1-Dichloropropene	5.696	75	83427	48.758	ug/l	99
37) Ethyl Acetate	4.714	43	85760	49.549	ug/l	99
38) Carbon Tetrachloride	5.678	117	87392	49.655	ug/l	99
39) Methylcyclohexane	7.379	83	103035	49.924	ug/l	99
40) Benzene	6.037	78	236881	50.088	ug/l	100

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Quant Time: Jan 28 04:23:26 2022
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 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50980	51.995	ug/l	98
42) 1,2-Dichloroethane	6.086	62	88844	48.015	ug/l	98
43) Isopropyl Acetate	6.336	43	141289	50.535	ug/l	98
44) Trichloroethene	7.129	130	70475	52.516	ug/l	95
45) 1,2-Dichloropropane	7.427	63	61612	52.192	ug/l	99
46) Dibromomethane	7.580	93	42755	51.378	ug/l	99
47) Bromodichloromethane	7.824	83	87944	52.304	ug/l	99
48) Methyl methacrylate	7.690	41	70833	51.121	ug/l	99
49) 1,4-Dioxane	7.702	88	17327	762.013	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	425369	256.503	ug/l	99
52) Toluene	8.720	92	156629	54.007	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	91546	50.897	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	98818	54.719	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	62041	54.819	ug/l	99
56) Ethyl methacrylate	9.116	69	96912	55.876	ug/l	97
57) 1,3-Dichloropropane	9.311	76	106734	54.397	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	159579	175.466	ug/l	99
59) 2-Hexanone	9.433	43	328235	258.605	ug/l	98
60) Dibromochloromethane	9.518	129	69181	58.660	ug/l	100
61) 1,2-Dibromoethane	9.610	107	64876	55.012	ug/l	100
64) Tetrachloroethene	9.275	164	77042	53.607	ug/l	96
65) Chlorobenzene	10.079	112	166374	51.931	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	62894	52.834	ug/l	99
67) Ethyl Benzene	10.195	91	304027	52.221	ug/l	99
68) m/p-Xylenes	10.305	106	233272	107.067	ug/l	98
69) o-Xylene	10.640	106	113016	53.757	ug/l	96
70) Styrene	10.659	104	187145	54.553	ug/l	99
71) Bromoform	10.799	173	45615	50.060	ug/l #	99
73) Isopropylbenzene	10.963	105	302588	53.175	ug/l	99
74) N-amyl acetate	10.841	43	110386	50.248	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	74394	48.707	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	77558m	50.741	ug/l	
77) Bromobenzene	11.201	156	68707	52.704	ug/l	97
78) n-propylbenzene	11.305	91	346322	53.370	ug/l	99
79) 2-Chlorotoluene	11.366	91	201763	51.274	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	247835	52.828	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24298	50.130	ug/l	92
82) 4-Chlorotoluene	11.457	91	232278	51.360	ug/l	98
83) tert-Butylbenzene	11.713	119	227422	51.929	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	246477	52.528	ug/l	99
85) sec-Butylbenzene	11.890	105	305731	53.971	ug/l	99
86) p-Isopropyltoluene	12.012	119	257041	54.084	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	126276	51.677	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	127872	51.701	ug/l	99
89) n-Butylbenzene	12.335	91	225843	55.375	ug/l	100
90) Hexachloroethane	12.542	117	39973	50.383	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	121504	52.618	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17449	47.268	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	78608	53.097	ug/l	98
94) Hexachlorobutadiene	13.725	225	33881	54.213	ug/l	98
95) Naphthalene	13.774	128	256807	52.005	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	78551	53.951	ug/l	100

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

