

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026610.D
 Acq On : 26 Jan 2022 21:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 07:34:03 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	105681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	173045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66652	45.148	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.300%		
35) Dibromofluoromethane	5.391	113	52387	46.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.760%		
50) Toluene-d8	8.653	98	193954	48.165	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.320%		
62) 4-Bromofluorobenzene	11.079	95	69518	48.597	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	50369	40.362	ug/l	99
3) Chloromethane	1.294	50	50887	44.482	ug/l	99
4) Vinyl Chloride	1.380	62	53522	44.561	ug/l	98
5) Bromomethane	1.617	94	22376	40.385	ug/l	99
6) Chloroethane	1.691	64	25831	42.530	ug/l	99
7) Trichlorofluoromethane	1.892	101	80447	42.423	ug/l	99
8) Diethyl Ether	2.136	74	30599	45.600	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	52465	45.400	ug/l	99
10) Methyl Iodide	2.459	142	61574	49.540	ug/l	98
11) Tert butyl alcohol	3.007	59	52206	254.208	ug/l #	87
12) 1,1-Dichloroethene	2.325	96	50442	45.703	ug/l	93
13) Acrolein	2.239	56	40877	187.316	ug/l	100
14) Allyl chloride	2.666	41	93443	46.038	ug/l	97
15) Acrylonitrile	3.068	53	158617	250.905	ug/l	99
16) Acetone	2.386	43	135159	179.530	ug/l	98
17) Carbon Disulfide	2.520	76	126164	39.153	ug/l	99
18) Methyl Acetate	2.709	43	76001	50.779	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	185964	46.436	ug/l	99
20) Methylene Chloride	2.794	84	57713	46.398	ug/l	100
21) trans-1,2-Dichloroethene	3.099	96	54166	45.334	ug/l	98
22) Diisopropyl ether	3.763	45	195417	47.398	ug/l	98
23) Vinyl Acetate	3.727	43	822080	242.232	ug/l	98
24) 1,1-Dichloroethane	3.617	63	104411	46.892	ug/l	99
25) 2-Butanone	4.562	43	217568	222.222	ug/l	98
26) 2,2-Dichloropropane	4.477	77	73644	44.620	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	64823	47.536	ug/l	98
28) Bromochloromethane	4.903	49	42648	46.646	ug/l	99
29) Tetrahydrofuran	5.007	42	145852	250.829	ug/l	100
30) Chloroform	5.099	83	109729	47.429	ug/l	100
31) Cyclohexane	5.477	56	94706	43.494	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	93814	46.101	ug/l	99
36) 1,1-Dichloropropene	5.702	75	79466	45.046	ug/l	99
37) Ethyl Acetate	4.721	43	88454	49.568	ug/l	99
38) Carbon Tetrachloride	5.684	117	83335	45.925	ug/l	96
39) Methylcyclohexane	7.385	83	95754	45.000	ug/l	99
40) Benzene	6.043	78	231210	47.419	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50092	49.553	ug/l	98
42) 1,2-Dichloroethane	6.092	62	86989	45.598	ug/l	98
43) Isopropyl Acetate	6.342	43	143619	49.823	ug/l	99
44) Trichloroethene	7.129	130	67100	48.497	ug/l	98
45) 1,2-Dichloropropane	7.434	63	60329	49.568	ug/l	99
46) Dibromomethane	7.586	93	41833	48.758	ug/l	99
47) Bromodichloromethane	7.824	83	84182	48.560	ug/l	100
48) Methyl methacrylate	7.696	41	70833	49.584	ug/l	98
49) 1,4-Dioxane	7.696	88	21927	935.309	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	428422	250.573	ug/l	99
52) Toluene	8.720	92	146698	49.062	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	85345	46.202	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	94257	50.623	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	58335	49.994	ug/l	99
56) Ethyl methacrylate	9.116	69	92446	51.698	ug/l	98
57) 1,3-Dichloropropane	9.311	76	101592	50.219	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	226857	241.938	ug/l	99
59) 2-Hexanone	9.433	43	309162	236.252	ug/l	99
60) Dibromochloromethane	9.525	129	63231	52.002	ug/l	100
61) 1,2-Dibromoethane	9.610	107	62010	51.000	ug/l	100
64) Tetrachloroethene	9.275	164	71643	49.923	ug/l	94
65) Chlorobenzene	10.079	112	153890	48.104	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	59303	49.889	ug/l	98
67) Ethyl Benzene	10.195	91	277832	47.790	ug/l	100
68) m/p-Xylenes	10.305	106	209742	96.406	ug/l	99
69) o-Xylene	10.640	106	101469	48.335	ug/l	100
70) Styrene	10.659	104	169452	49.467	ug/l	99
71) Bromoform	10.799	173	41014	45.300	ug/l #	98
73) Isopropylbenzene	10.963	105	270485	48.221	ug/l	99
74) N-amyl acetate	10.841	43	109296	50.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	71163	47.266	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	73259m	48.621	ug/l	
77) Bromobenzene	11.201	156	61662	47.984	ug/l	99
78) n-propylbenzene	11.305	91	308708	48.262	ug/l	100
79) 2-Chlorotoluene	11.366	91	181816	46.873	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	222475	48.108	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21942	46.341	ug/l	94
82) 4-Chlorotoluene	11.457	91	207982	46.654	ug/l	99
83) tert-Butylbenzene	11.719	119	208200	48.228	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	221947	47.985	ug/l	99
85) sec-Butylbenzene	11.890	105	271648	48.648	ug/l	100
86) p-Isopropyltoluene	12.012	119	227697	48.603	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113655	47.185	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	113745	46.655	ug/l	99
89) n-Butylbenzene	12.335	91	193254	48.070	ug/l	100
90) Hexachloroethane	12.542	117	34856	44.820	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	109077	47.920	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18092	49.719	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	69380	47.542	ug/l	99
94) Hexachlorobutadiene	13.725	225	28421	46.134	ug/l	97
95) Naphthalene	13.774	128	242207	49.758	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69249	48.250	ug/l	99

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

