

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026457.D
 Acq On : 14 Jan 2022 16:50
 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 : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 00:39:50 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	5.562	168	99428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68856	49.575	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.140%			
35) Dibromofluoromethane	5.391	113	52000	50.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.280%			
50) Toluene-d8	8.653	98	194513	52.049	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.100%			
62) 4-Bromofluorobenzene	11.079	95	74740	56.299	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	55596	47.353	ug/l	100
3) Chloromethane	1.294	50	49315	45.819	ug/l	98
4) Vinyl Chloride	1.374	62	53394	47.250	ug/l	99
5) Bromomethane	1.605	94	19016	36.479	ug/l	99
6) Chloroethane	1.685	64	31885	55.799	ug/l	97
7) Trichlorofluoromethane	1.892	101	82162	46.052	ug/l	99
8) Diethyl Ether	2.136	74	29635	46.941	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	53118	48.856	ug/l	100
10) Methyl Iodide	2.453	142	59687	50.907	ug/l	99
11) Tert butyl alcohol	2.971	59	58414	302.325	ug/l	95
12) 1,1-Dichloroethene	2.325	96	49661	47.825	ug/l	95
13) Acrolein	2.239	56	57532	280.217	ug/l	99
14) Allyl chloride	2.666	41	94588	49.533	ug/l	97
15) Acrylonitrile	3.068	53	157846	265.388	ug/l	100
16) Acetone	2.386	43	180484	254.812	ug/l	100
17) Carbon Disulfide	2.514	76	134764	44.452	ug/l	99
18) Methyl Acetate	2.703	43	72367	51.392	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	183165	48.613	ug/l	98
20) Methylene Chloride	2.794	84	58635	50.104	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	53748	47.813	ug/l	98
22) Diisopropyl ether	3.763	45	187745	48.401	ug/l	99
23) Vinyl Acetate	3.727	43	811291	254.087	ug/l	98
24) 1,1-Dichloroethane	3.611	63	100504	47.976	ug/l	99
25) 2-Butanone	4.562	43	251946	273.519	ug/l	100
26) 2,2-Dichloropropane	4.483	77	73190	47.134	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	63190	49.253	ug/l	99
28) Bromochloromethane	4.904	49	42698	49.638	ug/l	100
29) Tetrahydrofuran	5.007	42	151663	277.226	ug/l	99
30) Chloroform	5.099	83	105127	48.298	ug/l	97
31) Cyclohexane	5.477	56	96648	47.177	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	93974	49.084	ug/l	100
36) 1,1-Dichloropropene	5.696	75	78446	47.916	ug/l	99
37) Ethyl Acetate	4.715	43	89993	54.341	ug/l	100
38) Carbon Tetrachloride	5.684	117	83556	49.618	ug/l	96
39) Methylcyclohexane	7.385	83	98307	49.782	ug/l	98
40) Benzene	6.044	78	220727	48.779	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50460	53.788	ug/l	98
42) 1,2-Dichloroethane	6.092	62	86915	49.092	ug/l	100
43) Isopropyl Acetate	6.342	43	141971	53.070	ug/l	100
44) Trichloroethene	7.129	130	64420	50.170	ug/l	100
45) 1,2-Dichloropropane	7.434	63	56954	50.423	ug/l	100
46) Dibromomethane	7.586	93	40077	50.333	ug/l	100
47) Bromodichloromethane	7.824	83	81613	50.729	ug/l	98
48) Methyl methacrylate	7.696	41	70767	53.379	ug/l	100
49) 1,4-Dioxane	7.671	88	27537	1265.682	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	446894	281.644	ug/l	100
52) Toluene	8.720	92	140962	50.799	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	80722	47.052	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	89973	52.069	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	55673	51.412	ug/l	99
56) Ethyl methacrylate	9.116	69	91097	54.893	ug/l	99
57) 1,3-Dichloropropane	9.311	76	97706	52.043	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	234210	269.148	ug/l	99
59) 2-Hexanone	9.433	43	354556	291.949	ug/l	99
60) Dibromochloromethane	9.525	129	59863	53.049	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59220	52.482	ug/l	100
64) Tetrachloroethene	9.275	164	67889	50.051	ug/l	96
65) Chlorobenzene	10.079	112	148180	49.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	54955	48.913	ug/l	100
67) Ethyl Benzene	10.195	91	274088	49.881	ug/l	99
68) m/p-Xylenes	10.305	106	207684	100.997	ug/l	99
69) o-Xylene	10.640	106	101470	51.138	ug/l	98
70) Styrene	10.659	104	170420	52.635	ug/l	100
71) Bromoform	10.799	173	40492	47.217	ug/l #	99
73) Isopropylbenzene	10.963	105	272284	47.852	ug/l	100
74) N-amyl acetate	10.848	43	113172	51.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	75358	49.341	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	77568m	50.750	ug/l	
77) Bromobenzene	11.201	156	62850	48.214	ug/l	100
78) n-propylbenzene	11.305	91	315597	48.638	ug/l	100
79) 2-Chlorotoluene	11.366	91	188643	47.942	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	229227	48.864	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	22577	46.934	ug/l	99
82) 4-Chlorotoluene	11.457	91	217520	48.100	ug/l	99
83) tert-Butylbenzene	11.719	119	213966	48.860	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	230751	49.180	ug/l	100
85) sec-Butylbenzene	11.890	105	283881	50.116	ug/l	100
86) p-Isopropyltoluene	12.012	119	241703	50.860	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119512	48.912	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	120751	48.825	ug/l	99
89) n-Butylbenzene	12.335	91	211594	51.884	ug/l	100
90) Hexachloroethane	12.542	117	36064	45.671	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	118183	51.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20779	56.292	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	78770	53.209	ug/l	99
94) Hexachlorobutadiene	13.725	225	32213	51.547	ug/l	99
95) Naphthalene	13.780	128	273618	55.412	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	78183	53.701	ug/l	100

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

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