

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011122\
 Data File : VX026433.D
 Acq On : 11 Jan 2022 20:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 06:48:15 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	110366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76630	49.704	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.400%		
35) Dibromofluoromethane	5.391	113	57721	49.408	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.653	98	211588	50.259	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.520%		
62) 4-Bromofluorobenzene	11.079	95	75922	50.766	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	63978	49.092	ug/l	98
3) Chloromethane	1.295	50	59642	49.922	ug/l	98
4) Vinyl Chloride	1.380	62	63288	50.455	ug/l	98
5) Bromomethane	1.618	94	28596	49.420	ug/l	96
6) Chloroethane	1.691	64	31869	50.244	ug/l	99
7) Trichlorofluoromethane	1.892	101	96961	48.961	ug/l	100
8) Diethyl Ether	2.136	74	35332	50.418	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	59362	49.187	ug/l	100
10) Methyl Iodide	2.459	142	68016	52.143	ug/l	99
11) Tert butyl alcohol	3.014	59	59854	279.077	ug/l #	92
12) 1,1-Dichloroethene	2.325	96	55885	48.485	ug/l	97
13) Acrolein	2.239	56	59646	261.722	ug/l	99
14) Allyl chloride	2.666	41	105556	49.798	ug/l	99
15) Acrylonitrile	3.069	53	166330	251.937	ug/l	99
16) Acetone	2.386	43	164319	208.998	ug/l	99
17) Carbon Disulfide	2.514	76	159765	47.476	ug/l	99
18) Methyl Acetate	2.709	43	77382	49.507	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	208104	49.759	ug/l	100
20) Methylene Chloride	2.794	84	63028	48.520	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	61213	49.057	ug/l	97
22) Diisopropyl ether	3.764	45	215848	50.131	ug/l	99
23) Vinyl Acetate	3.727	43	937967	264.646	ug/l	99
24) 1,1-Dichloroethane	3.617	63	115990	49.881	ug/l	98
25) 2-Butanone	4.562	43	243696	238.343	ug/l	99
26) 2,2-Dichloropropane	4.483	77	85014	49.323	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	70505	49.508	ug/l	99
28) Bromochloromethane	4.898	49	48908	51.222	ug/l	97
29) Tetrahydrofuran	5.013	42	156826	258.253	ug/l	99
30) Chloroform	5.099	83	119933	49.639	ug/l	99
31) Cyclohexane	5.477	56	110482	48.585	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	107467	50.568	ug/l	99
36) 1,1-Dichloropropene	5.696	75	90558	49.102	ug/l	99
37) Ethyl Acetate	4.715	43	97602	52.316	ug/l	100
38) Carbon Tetrachloride	5.684	117	94527	49.828	ug/l	97
39) Methylcyclohexane	7.385	83	111482	50.114	ug/l	99
40) Benzene	6.044	78	253211	49.673	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	54855	51.906	ug/l	99
42) 1,2-Dichloroethane	6.092	62	99469	49.873	ug/l	99
43) Isopropyl Acetate	6.342	43	160074	53.117	ug/l	100
44) Trichloroethene	7.129	130	71634	49.523	ug/l	100
45) 1,2-Dichloropropane	7.434	63	65308	51.326	ug/l	99
46) Dibromomethane	7.580	93	45966	51.246	ug/l	99
47) Bromodichloromethane	7.824	83	93348	51.507	ug/l	99
48) Methyl methacrylate	7.696	41	78693	52.691	ug/l	99
49) 1,4-Dioxane	7.696	88	23641	964.579	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	468617	262.167	ug/l	99
52) Toluene	8.720	92	157090	50.253	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	93490	48.322	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	103121	52.976	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	61675	50.558	ug/l	98
56) Ethyl methacrylate	9.116	69	99989	53.485	ug/l	97
57) 1,3-Dichloropropane	9.311	76	108128	51.126	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	258669	263.872	ug/l	99
59) 2-Hexanone	9.433	43	348168	254.492	ug/l	98
60) Dibromochloromethane	9.525	129	67505	53.103	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64500	50.742	ug/l	99
64) Tetrachloroethene	9.275	164	68678	47.736	ug/l	99
65) Chlorobenzene	10.080	112	159671	49.785	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	61818	51.874	ug/l	99
67) Ethyl Benzene	10.195	91	299469	51.383	ug/l	99
68) m/p-Xylenes	10.305	106	225662	103.463	ug/l	99
69) o-Xylene	10.640	106	109472	52.016	ug/l	100
70) Styrene	10.659	104	181106	52.736	ug/l	99
71) Bromoform	10.799	173	43592	47.891	ug/l #	100
73) Isopropylbenzene	10.964	105	289332	51.179	ug/l	100
74) N-amyl acetate	10.842	43	123719	56.686	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	79269	52.239	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79713m	52.492	ug/l	
77) Bromobenzene	11.201	156	64936	50.138	ug/l	98
78) n-propylbenzene	11.305	91	331311	51.391	ug/l	100
79) 2-Chlorotoluene	11.366	91	195721	50.064	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	240753	51.655	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23145	48.269	ug/l	100
82) 4-Chlorotoluene	11.457	91	228007	50.746	ug/l	100
83) tert-Butylbenzene	11.713	119	227087	52.193	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	238895	51.246	ug/l	99
85) sec-Butylbenzene	11.890	105	290942	51.696	ug/l	100
86) p-Isopropyltoluene	12.012	119	246589	52.225	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	120204	49.515	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	119839	48.771	ug/l	98
89) n-Butylbenzene	12.335	91	211576	52.217	ug/l	99
90) Hexachloroethane	12.542	117	38164	48.503	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	115772	50.464	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20775	56.646	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	72733	49.450	ug/l	97
94) Hexachlorobutadiene	13.725	225	30327	48.844	ug/l	99
95) Naphthalene	13.774	128	257539	52.495	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73733	50.974	ug/l	99

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

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