

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030130.D
 Acq On : 20 Jul 2022 13:34
 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 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 03:29:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	183234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	321753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126056	56.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.040%			
35) Dibromofluoromethane	5.391	113	105788	51.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	8.653	98	403185	52.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.300%			
62) 4-Bromofluorobenzene	11.085	95	147852	55.113	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	107511	51.691	ug/l	100
3) Chloromethane	1.288	50	96404	50.489	ug/l	99
4) Vinyl Chloride	1.374	62	105387	49.692	ug/l	100
5) Bromomethane	1.605	94	43987	48.825	ug/l	99
6) Chloroethane	1.679	64	59054	49.447	ug/l	96
7) Trichlorofluoromethane	1.880	101	143848	52.520	ug/l	98
8) Diethyl Ether	2.136	74	54158	47.797	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	102940	55.054	ug/l	99
10) Methyl Iodide	2.447	142	89144	48.629	ug/l	97
11) Tert butyl alcohol	2.995	59	141959	246.622	ug/l	99
12) 1,1-Dichloroethene	2.313	96	97276	52.106	ug/l	93
13) Acrolein	2.239	56	24448	213.256	ug/l	99
14) Allyl chloride	2.660	41	190496	58.391	ug/l	98
15) Acrylonitrile	3.069	53	379111	289.797	ug/l	100
16) Acetone	2.386	43	304856	290.083	ug/l	96
17) Carbon Disulfide	2.508	76	246971	47.255	ug/l	98
18) Methyl Acetate	2.709	43	188336	58.908	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	339498	57.532	ug/l	100
20) Methylene Chloride	2.788	84	115222	54.395	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	106221	54.587	ug/l	92
22) Diisopropyl ether	3.764	45	390380	61.131	ug/l	91
23) Vinyl Acetate	3.727	43	1692559	313.086	ug/l	99
24) 1,1-Dichloroethane	3.611	63	201397	56.913	ug/l	100
25) 2-Butanone	4.562	43	538339	300.717	ug/l	97
26) 2,2-Dichloropropane	4.477	77	145399	58.492	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	128189	53.795	ug/l	99
28) Bromochloromethane	4.904	49	85074	57.146	ug/l	98
29) Tetrahydrofuran	5.013	42	362152	298.090	ug/l	97
30) Chloroform	5.099	83	204045	57.860	ug/l	98
31) Cyclohexane	5.471	56	185181	57.276	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	166396	57.731	ug/l	99
36) 1,1-Dichloropropene	5.696	75	146912	55.334	ug/l	98
37) Ethyl Acetate	4.721	43	200813	58.861	ug/l	99
38) Carbon Tetrachloride	5.678	117	141279	57.061	ug/l	97
39) Methylcyclohexane	7.385	83	194426	57.766	ug/l	99
40) Benzene	6.038	78	464205	55.549	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	109759	59.750	ug/l	97
42) 1,2-Dichloroethane	6.086	62	157283	60.730	ug/l	98
43) Isopropyl Acetate	6.349	43	303030	59.069	ug/l	98
44) Trichloroethene	7.129	130	124113	50.826	ug/l	99
45) 1,2-Dichloropropane	7.434	63	120957	55.686	ug/l	99
46) Dibromomethane	7.580	93	81909	54.789	ug/l	98
47) Bromodichloromethane	7.824	83	152766	56.315	ug/l	96
48) Methyl methacrylate	7.696	41	150217	63.461	ug/l	96
49) 1,4-Dioxane	7.678	88	68722	1117.451	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1027353	302.626	ug/l	98
52) Toluene	8.720	92	287804	54.236	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	166896	59.230	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	181383	56.190	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	120449	55.042	ug/l	97
56) Ethyl methacrylate	9.116	69	194762	59.196	ug/l	96
57) 1,3-Dichloropropane	9.311	76	199170	57.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	523818	293.203	ug/l	98
59) 2-Hexanone	9.433	43	813410	312.450	ug/l	96
60) Dibromochloromethane	9.525	129	116998	54.879	ug/l	100
61) 1,2-Dibromoethane	9.610	107	125469	55.090	ug/l	99
64) Tetrachloroethene	9.275	164	125560	53.650	ug/l	98
65) Chlorobenzene	10.080	112	302713	52.142	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	105779	53.445	ug/l	98
67) Ethyl Benzene	10.195	91	556352	56.542	ug/l	99
68) m/p-Xylenes	10.305	106	429719	111.349	ug/l	99
69) o-Xylene	10.647	106	208181	53.875	ug/l	95
70) Styrene	10.659	104	352226	54.919	ug/l	98
71) Bromoform	10.805	173	80498	50.623	ug/l	99
73) Isopropylbenzene	10.964	105	547171	54.819	ug/l	99
74) N-amyl acetate	10.848	43	255343	58.244	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	186347	51.747	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	177806m	53.947	ug/l	
77) Bromobenzene	11.201	156	126237	50.548	ug/l	97
78) n-propylbenzene	11.305	91	663813	56.058	ug/l	99
79) 2-Chlorotoluene	11.366	91	388118	54.721	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	463387	55.095	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	61062	53.467	ug/l	94
82) 4-Chlorotoluene	11.457	91	440906	55.483	ug/l	98
83) tert-Butylbenzene	11.720	119	426550	52.884	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	466381	56.061	ug/l	98
85) sec-Butylbenzene	11.890	105	598822	56.159	ug/l	99
86) p-Isopropyltoluene	12.012	119	486025	56.816	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	243471	52.764	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	246964	52.154	ug/l	99
89) n-Butylbenzene	12.335	91	462129	60.294	ug/l	100
90) Hexachloroethane	12.543	117	77688	53.125	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	236019	50.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45485	55.317	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	148353	51.521	ug/l	98
94) Hexachlorobutadiene	13.725	225	57796	50.275	ug/l	96
95) Naphthalene	13.780	128	597150	52.246	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	152993	52.219	ug/l	98

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

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