

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024665.D
 Acq On : 08 Oct 2021 12:18
 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

MMDadoda
 10/13/2021 2:42:44 PM

Quant Time: Oct 08 16:26:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	178056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131519	52.409	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.820%	
35) Dibromofluoromethane	5.391	113	101480	60.782	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.560%	
50) Toluene-d8	8.653	98	330875	53.845	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	11.085	95	135341	56.017	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	119388	66.635	ug/l	97
3) Chloromethane	1.295	50	93697	55.480	ug/l	99
4) Vinyl Chloride	1.374	62	99916	56.559	ug/l	97
5) Bromomethane	1.599	94	68025	57.212	ug/l	98
6) Chloroethane	1.679	64	52734	44.845	ug/l	100
7) Trichlorofluoromethane	1.886	101	148097	47.505	ug/l	98
8) Diethyl Ether	2.136	74	48453	45.662	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	88074	50.100	ug/l	95
10) Methyl Iodide	2.453	142	120306	48.910	ug/l	92
11) Tert butyl alcohol	2.977	59	120420	204.050	ug/l	98
12) 1,1-Dichloroethene	2.319	96	82156	50.334	ug/l	91
13) Acrolein	2.240	56	42338	309.448	ug/l	100
14) Allyl chloride	2.666	41	153965	51.595	ug/l	94
15) Acrylonitrile	3.069	53	267988	235.066	ug/l	98
16) Acetone	2.386	43	349714	333.685	ug/l	90
17) Carbon Disulfide	2.514	76	223563	53.120	ug/l	99
18) Methyl Acetate	2.709	43	177886	47.339	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	317019	51.537	ug/l	98
20) Methylene Chloride	2.788	84	99737	53.191	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	95637	51.600	ug/l	96
22) Diisopropyl ether	3.770	45	302896	49.681	ug/l	97
23) Vinyl Acetate	3.727	43	1271018	257.447	ug/l	96
24) 1,1-Dichloroethane	3.611	63	172722	51.024	ug/l	99
25) 2-Butanone	4.562	43	472777	273.561	ug/l	95
26) 2,2-Dichloropropane	4.483	77	163518	53.699	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	110358	50.943	ug/l	95
28) Bromochloromethane	4.904	49	69190	45.025	ug/l	100
29) Tetrahydrofuran	5.013	42	256169	232.625	ug/l	92
30) Chloroform	5.099	83	188889	50.524	ug/l	99
31) Cyclohexane	5.477	56	155464	51.736	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	173710	52.336	ug/l	100
36) 1,1-Dichloropropene	5.696	75	140808	58.443	ug/l	99
37) Ethyl Acetate	4.721	43	154534	51.374	ug/l	96
38) Carbon Tetrachloride	5.684	117	154756	59.008	ug/l	100
39) Methylcyclohexane	7.385	83	160103	56.753	ug/l	99
40) Benzene	6.044	78	393573	57.128	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	84495	54.393	ug/l	92
42) 1,2-Dichloroethane	6.092	62	160127	55.345	ug/l	94
43) Isopropyl Acetate	6.349	43	247403	54.100	ug/l	94
44) Trichloroethene	7.129	130	104235	54.990	ug/l	97
45) 1,2-Dichloropropane	7.434	63	94417	53.121	ug/l	96
46) Dibromomethane	7.586	93	69423	52.088	ug/l	98
47) Bromodichloromethane	7.824	83	130195	53.301	ug/l	99
48) Methyl methacrylate	7.696	41	124283	54.886	ug/l	87
49) 1,4-Dioxane	7.659	88	46249	891.710	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	810714	268.535	ug/l	91
52) Toluene	8.720	92	232907	52.335	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	148312	53.570	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	153126	54.395	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	98300	53.419	ug/l	97
56) Ethyl methacrylate	9.122	69	136287	46.533	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	157444	50.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	352579	243.881	ug/l	99
59) 2-Hexanone	9.433	43	653032	274.667	ug/l	88
60) Dibromochloromethane	9.525	129	103857	49.746	ug/l	99
61) 1,2-Dibromoethane	9.616	107	105403	52.176	ug/l	100
64) Tetrachloroethene	9.275	164	93768	59.087	ug/l	95
65) Chlorobenzene	10.080	112	259608	54.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	98612	55.393	ug/l	99
67) Ethyl Benzene	10.195	91	468674	55.428	ug/l	100
68) m/p-Xylenes	10.305	106	358056	110.428	ug/l	99
69) o-Xylene	10.647	106	171907	53.615	ug/l	100
70) Styrene	10.659	104	279477	52.127	ug/l	97
71) Bromoform	10.805	173	75797	48.911	ug/l #	99
73) Isopropylbenzene	10.964	105	472834	53.612	ug/l	100
74) N-amyl acetate	10.848	43	201261	49.612	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	152521	48.901	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	143435m	50.629	ug/l	
77) Bromobenzene	11.201	156	117883	51.944	ug/l	96
78) n-propylbenzene	11.305	91	545891	52.948	ug/l	99
79) 2-Chlorotoluene	11.366	91	322762	51.392	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	417695	55.439	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	51321	49.931	ug/l	92
82) 4-Chlorotoluene	11.457	91	385768	52.205	ug/l	100
83) tert-Butylbenzene	11.720	119	395923	52.416	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	420460	56.126	ug/l	98
85) sec-Butylbenzene	11.896	105	473209	50.922	ug/l	100
86) p-Isopropyltoluene	12.012	119	442085	55.790	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	219301	50.741	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	220863	49.470	ug/l	99
89) n-Butylbenzene	12.335	91	395863	56.419	ug/l	98
90) Hexachloroethane	12.543	117	69791	53.561	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	211553	49.513	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37567	49.884	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	145981	53.663	ug/l	98
94) Hexachlorobutadiene	13.725	225	65098	52.313	ug/l	99
95) Naphthalene	13.780	128	482799	55.449	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148989	53.448	ug/l	98

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

