

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
 Data File : VX024005.D
 Acq On : 30 Aug 2021 09:36
 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
 8/31/2021 5:41:20 PM

Quant Time: Aug 31 03:09:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	224717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	355282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147475	47.021	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.040%		
35) Dibromofluoromethane	5.391	113	111314	47.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.680%		
50) Toluene-d8	8.653	98	404127	45.154	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.300%#		
62) 4-Bromofluorobenzene	11.085	95	167412	50.812	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	115152	48.569	ug/l	100
3) Chloromethane	1.294	50	115890	44.527	ug/l	100
4) Vinyl Chloride	1.380	62	115444	45.479	ug/l	99
5) Bromomethane	1.599	94	66907	41.923	ug/l	96
6) Chloroethane	1.678	64	75086	39.892	ug/l	100
7) Trichlorofluoromethane	1.886	101	195527	48.777	ug/l	96
8) Diethyl Ether	2.142	74	67295	48.072	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	118795	52.665	ug/l	98
10) Methyl Iodide	2.453	142	131394	41.835	ug/l	94
11) Tert butyl alcohol	2.977	59	154523	243.625	ug/l	97
12) 1,1-Dichloroethene	2.319	96	110663	51.313	ug/l	94
13) Acrolein	2.239	56	107217	284.062	ug/l	99
14) Allyl chloride	2.666	41	207754	52.273	ug/l	90
15) Acrylonitrile	3.075	53	334009	236.348	ug/l	97
16) Acetone	2.386	43	415905	296.579	ug/l	88
17) Carbon Disulfide	2.514	76	280956	54.623	ug/l	98
18) Methyl Acetate	2.709	43	167863	47.950	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	407478	54.288	ug/l	99
20) Methylene Chloride	2.794	84	124774	46.581	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	117485	51.002	ug/l	91
22) Diisopropyl ether	3.770	45	412736	52.141	ug/l	98
23) Vinyl Acetate	3.727	43	1699308	265.374	ug/l	94
24) 1,1-Dichloroethane	3.617	63	228852	51.948	ug/l	97
25) 2-Butanone	4.568	43	536321	252.499	ug/l	93
26) 2,2-Dichloropropane	4.477	77	211232	58.420	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	138002	50.347	ug/l	93
28) Bromochloromethane	4.903	49	112414	56.120	ug/l	92
29) Tetrahydrofuran	5.013	42	319132	231.959	ug/l	89
30) Chloroform	5.099	83	238827	51.199	ug/l	98
31) Cyclohexane	5.470	56	209182	51.914	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	215044	53.839	ug/l	98
36) 1,1-Dichloropropene	5.696	75	177859	54.058	ug/l	97
37) Ethyl Acetate	4.721	43	195670	48.381	ug/l	94
38) Carbon Tetrachloride	5.684	117	192309	56.052	ug/l	99
39) Methylcyclohexane	7.385	83	220319	54.996	ug/l	97
40) Benzene	6.037	78	493896	50.766	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	107416	48.993	ug/l	92
42) 1,2-Dichloroethane	6.092	62	204686	53.531	ug/l	94
43) Isopropyl Acetate	6.348	43	328382	51.909	ug/l	92
44) Trichloroethene	7.129	130	135857	50.551	ug/l	99
45) 1,2-Dichloropropane	7.434	63	133465	51.662	ug/l	99
46) Dibromomethane	7.586	93	93177	51.828	ug/l	97
47) Bromodichloromethane	7.824	83	181842	55.911	ug/l	99
48) Methyl methacrylate	7.696	41	160847	52.121	ug/l	86
49) 1,4-Dioxane	7.665	88	62144	952.802	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	1026390	250.993	ug/l	90
52) Toluene	8.720	92	323174	51.263	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	212292	50.511	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	220030	55.832	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	131576	50.695	ug/l	97
56) Ethyl methacrylate	9.116	69	220563	49.738	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	223646	51.953	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	512217	245.086	ug/l	96
59) 2-Hexanone	9.433	43	825522	262.624	ug/l	87
60) Dibromochloromethane	9.525	129	143377	50.018	ug/l	99
61) 1,2-Dibromoethane	9.610	107	143045	52.170	ug/l	99
64) Tetrachloroethene	9.275	164	136320	51.822	ug/l	94
65) Chlorobenzene	10.079	112	359665	52.333	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	134800	55.109	ug/l	99
67) Ethyl Benzene	10.195	91	657443	54.781	ug/l	100
68) m/p-Xylenes	10.305	106	502627	109.955	ug/l	97
69) o-Xylene	10.646	106	245259	54.597	ug/l	97
70) Styrene	10.659	104	411174	56.184	ug/l	96
71) Bromoform	10.805	173	107538	53.946	ug/l	98
73) Isopropylbenzene	10.963	105	662576	52.890	ug/l	100
74) N-amyl acetate	10.848	43	299525	52.907	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	198749	48.409	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	192279m	50.186	ug/l	
77) Bromobenzene	11.201	156	159980	51.849	ug/l	99
78) n-propylbenzene	11.305	91	775396	54.116	ug/l	100
79) 2-Chlorotoluene	11.366	91	462139	53.363	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	560467	54.441	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	72729	55.839	ug/l	92
82) 4-Chlorotoluene	11.457	91	532980	54.219	ug/l	99
83) tert-Butylbenzene	11.719	119	550827	55.090	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	561713	54.722	ug/l	98
85) sec-Butylbenzene	11.896	105	714802	56.467	ug/l	100
86) p-Isopropyltoluene	12.012	119	590493	56.677	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	293700	52.612	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	292849	52.598	ug/l	99
89) n-Butylbenzene	12.335	91	528419	56.804	ug/l	98
90) Hexachloroethane	12.542	117	100543	55.205	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	275534	50.948	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46560	48.438	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	177340	54.484	ug/l	98
94) Hexachlorobutadiene	13.725	225	81291	56.034	ug/l	99
95) Naphthalene	13.780	128	586297	48.835	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	179593	55.402	ug/l	99

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

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