

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023582.D
 Acq On : 05 Aug 2021 18:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:41:11 PM

Quant Time: Aug 06 03:25:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	206924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	330917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134463	52.093	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.180%			
35) Dibromofluoromethane	5.397	113	107134	51.780	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.560%			
50) Toluene-d8	8.653	98	396009	52.095	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.180%			
62) 4-Bromofluorobenzene	11.085	95	153113	59.234	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90569	47.575	ug/l	98
3) Chloromethane	1.294	50	107738	48.583	ug/l	96
4) Vinyl Chloride	1.374	62	107572	47.920	ug/l	100
5) Bromomethane	1.599	94	67314	50.509	ug/l	96
6) Chloroethane	1.679	64	70623	51.262	ug/l	98
7) Trichlorofluoromethane	1.886	101	176725	48.865	ug/l	99
8) Diethyl Ether	2.136	74	65494	49.063	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	102301	49.928	ug/l	97
10) Methyl Iodide	2.453	142	140728	54.819	ug/l	96
11) Tert butyl alcohol	2.983	59	136793	231.990	ug/l	98
12) 1,1-Dichloroethene	2.319	96	97368	47.889	ug/l	98
13) Acrolein	2.239	56	57824	193.214	ug/l	96
14) Allyl chloride	2.666	41	177255	47.952	ug/l	93
15) Acrylonitrile	3.075	53	332653	249.830	ug/l	98
16) Acetone	2.392	43	288642	227.962	ug/l	94
17) Carbon Disulfide	2.514	76	210368	41.960	ug/l	99
18) Methyl Acetate	2.709	43	152674	50.723	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	359452	50.846	ug/l	98
20) Methylene Chloride	2.794	84	118752	48.216	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	104654	48.454	ug/l	97
22) Diisopropyl ether	3.776	45	372932	51.109	ug/l	92
23) Vinyl Acetate	3.733	43	1643356	255.124	ug/l	95
24) 1,1-Dichloroethane	3.617	63	203378	50.710	ug/l	98
25) 2-Butanone	4.568	43	479106	243.731	ug/l	94
26) 2,2-Dichloropropane	4.483	77	156769	47.793	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	127525	50.841	ug/l	99
28) Bromochloromethane	4.904	49	96270	51.434	ug/l	94
29) Tetrahydrofuran	5.019	42	314116	243.788	ug/l	89
30) Chloroform	5.105	83	209535	51.044	ug/l	98
31) Cyclohexane	5.477	56	174601	45.663	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	182231	51.944	ug/l	98
36) 1,1-Dichloropropene	5.702	75	148982	49.769	ug/l	99
37) Ethyl Acetate	4.727	43	183344	48.577	ug/l #	94
38) Carbon Tetrachloride	5.684	117	157032	51.582	ug/l	98
39) Methylcyclohexane	7.385	83	182689	48.324	ug/l	97
40) Benzene	6.044	78	449104	50.600	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	98990	49.671	ug/l	93
42) 1,2-Dichloroethane	6.098	62	173638	52.911	ug/l	95
43) Isopropyl Acetate	6.348	43	296779	50.744	ug/l	93
44) Trichloroethene	7.129	130	122568	50.267	ug/l	99
45) 1,2-Dichloropropane	7.440	63	119401	50.838	ug/l	96
46) Dibromomethane	7.586	93	85434	53.628	ug/l	96
47) Bromodichloromethane	7.830	83	153958	53.641	ug/l	99
48) Methyl methacrylate	7.702	41	144368	53.299	ug/l	87
49) 1,4-Dioxane	7.665	88	55223	957.445	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	996498	278.565	ug/l	90
52) Toluene	8.720	92	291730	53.054	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	177692	48.857	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	187609	52.435	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	125132	56.198	ug/l	98
56) Ethyl methacrylate	9.122	69	199303	55.839	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	203559	53.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	471218	249.221	ug/l	98
59) 2-Hexanone	9.433	43	764746	281.521	ug/l	88
60) Dibromochloromethane	9.525	129	124278	50.344	ug/l	99
61) 1,2-Dibromoethane	9.616	107	129990	54.718	ug/l	99
64) Tetrachloroethene	9.275	164	117658	46.650	ug/l	93
65) Chlorobenzene	10.086	112	325488	50.181	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	120321	48.309	ug/l	99
67) Ethyl Benzene	10.195	91	571012	50.759	ug/l	98
68) m/p-Xylenes	10.305	106	437695	101.168	ug/l	100
69) o-Xylene	10.646	106	219225	51.109	ug/l	99
70) Styrene	10.659	104	368142	54.170	ug/l	99
71) Bromoform	10.805	173	91469	47.046	ug/l #	100
73) Isopropylbenzene	10.963	105	575978	51.170	ug/l	98
74) N-amyl acetate	10.848	43	266729	51.941	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	183110	49.940	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	173698m	52.915	ug/l	
77) Bromobenzene	11.201	156	144330	53.155	ug/l	95
78) n-propylbenzene	11.305	91	662526	52.007	ug/l	99
79) 2-Chlorotoluene	11.366	91	393058	51.634	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	476414	51.972	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	59690	48.894	ug/l	90
82) 4-Chlorotoluene	11.457	91	450747	52.340	ug/l	100
83) tert-Butylbenzene	11.719	119	470213	52.294	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	477307	52.347	ug/l	99
85) sec-Butylbenzene	11.896	105	605554	51.940	ug/l	100
86) p-Isopropyltoluene	12.012	119	494172	52.488	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	253306	50.425	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	249343	48.918	ug/l	99
89) n-Butylbenzene	12.335	91	434574	50.989	ug/l	98
90) Hexachloroethane	12.542	117	80860	48.032	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	246395	50.657	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38651	43.728	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	150242	49.164	ug/l	98
94) Hexachlorobutadiene	13.725	225	65475	47.742	ug/l	97
95) Naphthalene	13.780	128	537897	51.194	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	156045	50.566	ug/l	99

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

