

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023979.D
 Acq On : 27 Aug 2021 09:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 8/30/2021 9:15:30 AM

Quant Time: Aug 28 04:52:07 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	200264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	314085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143966	51.507	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.020%
35) Dibromofluoromethane	5.391	113	109539	52.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.380%
50) Toluene-d8	8.653	98	401417	50.734	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.460%
62) 4-Bromofluorobenzene	11.079	95	163894	56.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.540%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	102261	48.398	ug/l	99
3) Chloromethane	1.294	50	106731	46.015	ug/l	99
4) Vinyl Chloride	1.374	62	103077	45.565	ug/l	99
5) Bromomethane	1.599	94	69562	48.908	ug/l	97
6) Chloroethane	1.679	64	67945	40.549	ug/l	100
7) Trichlorofluoromethane	1.886	101	172843	48.383	ug/l	99
8) Diethyl Ether	2.136	74	59081	47.358	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	103326	51.401	ug/l	97
10) Methyl Iodide	2.453	142	139128	49.707	ug/l	92
11) Tert butyl alcohol	2.977	59	121830	215.534	ug/l	98
12) 1,1-Dichloroethene	2.319	96	95470	49.674	ug/l	93
13) Acrolein	2.239	56	58390	173.588	ug/l	96
14) Allyl chloride	2.666	41	177091	49.998	ug/l	89
15) Acrylonitrile	3.069	53	291626	231.554	ug/l	97
16) Acetone	2.386	43	321464	257.224	ug/l	88
17) Carbon Disulfide	2.514	76	242309	52.861	ug/l	100
18) Methyl Acetate	2.709	43	143449	45.980	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	341500	51.053	ug/l	98
20) Methylene Chloride	2.788	84	110681	46.365	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	102727	50.040	ug/l	93
22) Diisopropyl ether	3.770	45	358889	50.874	ug/l	94
23) Vinyl Acetate	3.727	43	1470294	257.646	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	196731	50.109	ug/l	98
25) 2-Butanone	4.562	43	455494	240.631	ug/l	90
26) 2,2-Dichloropropane	4.483	77	172344	53.485	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	119586	48.956	ug/l	94
28) Bromochloromethane	4.904	49	90878	50.908	ug/l	92
29) Tetrahydrofuran	5.013	42	277570	226.384	ug/l	88
30) Chloroform	5.099	83	205504	49.435	ug/l	98
31) Cyclohexane	5.477	56	178446	49.694	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	184156	51.735	ug/l	97
36) 1,1-Dichloropropene	5.696	75	151129	51.958	ug/l	99
37) Ethyl Acetate	4.721	43	168735	47.193	ug/l #	93
38) Carbon Tetrachloride	5.678	117	164831	54.345	ug/l	99
39) Methylcyclohexane	7.385	83	186907	52.775	ug/l	97
40) Benzene	6.044	78	433965	50.456	ug/l	99

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41) Methacrylonitrile	4.928	41	91427	47.170	ug/l	92
42) 1,2-Dichloroethane	6.092	62	179818	53.196	ug/l	94
43) Isopropyl Acetate	6.348	43	279116	49.908	ug/l	92
44) Trichloroethene	7.129	130	118677	49.950	ug/l	99
45) 1,2-Dichloropropane	7.434	63	115925	50.758	ug/l	98
46) Dibromomethane	7.586	93	81822	51.481	ug/l	96
47) Bromodichloromethane	7.824	83	160006	55.650	ug/l	99
48) Methyl methacrylate	7.696	41	138972	50.939	ug/l	84
49) 1,4-Dioxane	7.659	88	50271	871.860	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	904961	250.326	ug/l	89
52) Toluene	8.720	92	287420	51.572	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	182235	49.109	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	189172	54.298	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	117887	51.378	ug/l	99
56) Ethyl methacrylate	9.122	69	185601	47.381	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	197098	51.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	439703	237.985	ug/l	97
59) 2-Hexanone	9.433	43	719781	259.020	ug/l	85
60) Dibromochloromethane	9.525	129	127195	50.187	ug/l	99
61) 1,2-Dibromoethane	9.610	107	124538	51.378	ug/l	100
64) Tetrachloroethene	9.275	164	117911	49.813	ug/l	95
65) Chlorobenzene	10.079	112	316474	51.175	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	117978	53.601	ug/l	99
67) Ethyl Benzene	10.195	91	572216	52.986	ug/l	99
68) m/p-Xylenes	10.305	106	440841	107.173	ug/l	98
69) o-Xylene	10.646	106	215724	53.368	ug/l	98
70) Styrene	10.659	104	365315	55.475	ug/l	97
71) Bromoform	10.805	173	90886	50.784	ug/l #	98
73) Isopropylbenzene	10.963	105	581430	48.786	ug/l	99
74) N-amyl acetate	10.848	43	262684	48.773	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	182696	46.776	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	173303m	47.547	ug/l	
77) Bromobenzene	11.201	156	141007	48.037	ug/l	98
78) n-propylbenzene	11.305	91	687005	50.400	ug/l	99
79) 2-Chlorotoluene	11.366	91	414345	50.292	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	503880	51.448	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	61158	49.357	ug/l	90
82) 4-Chlorotoluene	11.457	91	480977	51.432	ug/l	98
83) tert-Butylbenzene	11.719	119	482471	50.722	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	504270	51.639	ug/l	98
85) sec-Butylbenzene	11.890	105	634973	52.727	ug/l	100
86) p-Isopropyltoluene	12.012	119	529301	53.403	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	268188	50.499	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	270741	51.115	ug/l	98
89) n-Butylbenzene	12.335	91	478226	54.038	ug/l	97
90) Hexachloroethane	12.542	117	86610	50.126	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	258344	50.213	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42889	46.970	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	166754	53.853	ug/l	99
94) Hexachlorobutadiene	13.725	225	77519	56.167	ug/l	99
95) Naphthalene	13.780	128	534690	46.868	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	164773	53.430	ug/l	99

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

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