

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023705.D
 Acq On : 13 Aug 2021 21:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/16/2021 5:06:14 PM

Quant Time: Aug 14 05:30:46 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	201365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	328878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	313771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140778	56.046	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.100%
35) Dibromofluoromethane	5.397	113	108525	52.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.560%
50) Toluene-d8	8.653	98	400488	53.011	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.020%
62) 4-Bromofluorobenzene	11.085	95	152594	59.399	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	82270	44.409	ug/l	99
3) Chloromethane	1.294	50	97566	45.210	ug/l	98
4) Vinyl Chloride	1.374	62	98513	45.096	ug/l	99
5) Bromomethane	1.599	94	61744	47.608	ug/l	99
6) Chloroethane	1.672	64	66330	49.475	ug/l	99
7) Trichlorofluoromethane	1.880	101	166245	47.236	ug/l	97
8) Diethyl Ether	2.142	74	63006	48.503	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	96169	48.231	ug/l	97
10) Methyl Iodide	2.453	142	129167	51.705	ug/l	95
11) Tert butyl alcohol	2.989	59	138478	241.331	ug/l	97
12) 1,1-Dichloroethene	2.319	96	91962	46.479	ug/l	99
13) Acrolein	2.239	56	58404	200.487	ug/l	95
14) Allyl chloride	2.666	41	167938	46.686	ug/l	92
15) Acrylonitrile	3.075	53	330544	255.100	ug/l	97
16) Acetone	2.392	43	298158	241.978	ug/l	91
17) Carbon Disulfide	2.508	76	181026	37.105	ug/l	99
18) Methyl Acetate	2.715	43	158387	54.074	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	348109	50.601	ug/l	100
20) Methylene Chloride	2.794	84	109543	45.704	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	98041	46.646	ug/l	96
22) Diisopropyl ether	3.776	45	366027	51.547	ug/l	91
23) Vinyl Acetate	3.733	43	1604900	256.032	ug/l	94
24) 1,1-Dichloroethane	3.617	63	197160	50.517	ug/l	97
25) 2-Butanone	4.568	43	491785	257.087	ug/l	93
26) 2,2-Dichloropropane	4.483	77	127180	39.842	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	120589	49.403	ug/l	99
28) Bromochloromethane	4.903	49	97773	53.679	ug/l	92
29) Tetrahydrofuran	5.019	42	316331	252.285	ug/l	89
30) Chloroform	5.105	83	207260	51.884	ug/l	98
31) Cyclohexane	5.477	56	163926	44.055	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	177010	51.848	ug/l	97
36) 1,1-Dichloropropene	5.702	75	142592	47.929	ug/l	99
37) Ethyl Acetate	4.727	43	185666	49.497	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	150720	49.816	ug/l	97
39) Methylcyclohexane	7.385	83	168759	44.916	ug/l	97
40) Benzene	6.043	78	432314	49.010	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	102148	51.574	ug/l	91
42) 1,2-Dichloroethane	6.098	62	175261	53.736	ug/l	95
43) Isopropyl Acetate	6.354	43	300442	51.689	ug/l	92
44) Trichloroethene	7.129	130	117222	48.373	ug/l	99
45) 1,2-Dichloropropane	7.440	63	117280	50.245	ug/l	98
46) Dibromomethane	7.586	93	82312	51.989	ug/l	97
47) Bromodichloromethane	7.830	83	151989	53.284	ug/l	97
48) Methyl methacrylate	7.702	41	147571	54.819	ug/l	85
49) 1,4-Dioxane	7.665	88	58248	1016.153	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	993323	279.399	ug/l	91
52) Toluene	8.726	92	282009	51.604	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	169133	46.868	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	176530	49.644	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	125230	56.590	ug/l	99
56) Ethyl methacrylate	9.122	69	194799	54.916	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	201723	53.646	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	486960	259.143	ug/l	96
59) 2-Hexanone	9.433	43	755150	279.712	ug/l	87
60) Dibromochloromethane	9.525	129	120819	49.289	ug/l	99
61) 1,2-Dibromoethane	9.616	107	130130	55.117	ug/l	98
64) Tetrachloroethene	9.275	164	114030	45.663	ug/l	93
65) Chlorobenzene	10.085	112	318560	49.604	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	117850	47.800	ug/l	99
67) Ethyl Benzene	10.195	91	559552	50.237	ug/l	99
68) m/p-Xylenes	10.305	106	425647	99.366	ug/l	98
69) o-Xylene	10.646	106	213588	50.292	ug/l	99
70) Styrene	10.659	104	353995	52.608	ug/l	97
71) Bromoform	10.805	173	84460	44.113	ug/l #	99
73) Isopropylbenzene	10.963	105	563085	50.032	ug/l	100
74) N-amyl acetate	10.848	43	255588	49.779	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.219	83	179340	48.919	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	166955m	50.868	ug/l	
77) Bromobenzene	11.201	156	136212	50.172	ug/l	97
78) n-propylbenzene	11.305	91	641728	50.382	ug/l	99
79) 2-Chlorotoluene	11.366	91	386665	50.802	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	467855	51.046	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	53629	43.936	ug/l	88
82) 4-Chlorotoluene	11.457	91	442628	51.405	ug/l	99
83) tert-Butylbenzene	11.719	119	451480	50.218	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	467765	51.308	ug/l	99
85) sec-Butylbenzene	11.896	105	583871	50.088	ug/l	100
86) p-Isopropyltoluene	12.012	119	483610	51.374	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	246829	49.143	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	244806	48.035	ug/l	99
89) n-Butylbenzene	12.335	91	414562	48.648	ug/l	98
90) Hexachloroethane	12.542	117	75699	45.094	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	239588	49.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40452	45.673	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	148181	48.496	ug/l	99
94) Hexachlorobutadiene	13.725	225	61930	45.164	ug/l	99
95) Naphthalene	13.780	128	526710	50.137	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	152932	49.565	ug/l	99

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

