

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023374.D
 Acq On : 22 Jul 2021 12:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072221

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:13:38 PM

Quant Time: Jul 23 06:07:00 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	5.555	168	242350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	390562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146458	48.446	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.900%		
35) Dibromofluoromethane	5.391	113	120746	49.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.900%		
50) Toluene-d8	8.652	98	449425	50.093	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.180%		
62) 4-Bromofluorobenzene	11.085	95	154942	50.787	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117711	52.794	ug/l	98
3) Chloromethane	1.294	50	129113	49.711	ug/l	98
4) Vinyl Chloride	1.373	62	132349	50.339	ug/l	99
5) Bromomethane	1.599	94	78888	50.541	ug/l	97
6) Chloroethane	1.678	64	83358	51.661	ug/l	100
7) Trichlorofluoromethane	1.879	101	216536	51.120	ug/l	96
8) Diethyl Ether	2.135	74	77236	49.402	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.324	101	125627	52.350	ug/l	96
10) Methyl Iodide	2.452	142	133108	44.272	ug/l	97
11) Tert butyl alcohol	2.977	59	162012	234.595	ug/l	99
12) 1,1-Dichloroethene	2.318	96	119179	50.048	ug/l	97
13) Acrolein	2.239	56	81029	230.906	ug/l	98
14) Allyl chloride	2.666	41	218590	50.490	ug/l	95
15) Acrylonitrile	3.068	53	382847	245.497	ug/l	99
16) Acetone	2.385	43	402088	271.139	ug/l	94
17) Carbon Disulfide	2.507	76	301408	51.331	ug/l	99
18) Methyl Acetate	2.708	43	172566	48.951	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	425849	51.433	ug/l	99
20) Methylene Chloride	2.794	84	133997	46.453	ug/l	93
21) trans-1,2-Dichloroethene	3.092	96	127645	50.460	ug/l	98
22) Diisopropyl ether	3.769	45	438756	51.340	ug/l	95
23) Vinyl Acetate	3.727	43	1964270	260.369	ug/l	95
24) 1,1-Dichloroethane	3.611	63	240217	51.140	ug/l	97
25) 2-Butanone	4.568	43	590031	256.284	ug/l	94
26) 2,2-Dichloropropane	4.482	77	204479	53.225	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	151335	51.514	ug/l	99
28) Bromochloromethane	4.903	49	109188	49.808	ug/l	95
29) Tetrahydrofuran	5.013	42	364524	241.556	ug/l	89
30) Chloroform	5.098	83	240586	50.041	ug/l	98
31) Cyclohexane	5.476	56	222802	49.751	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	212601	51.742	ug/l	99
36) 1,1-Dichloropropene	5.696	75	184187	52.133	ug/l	99
37) Ethyl Acetate	4.720	43	214904	48.243	ug/l	94
38) Carbon Tetrachloride	5.684	117	185440	51.611	ug/l	98
39) Methylcyclohexane	7.384	83	239746	53.732	ug/l	98
40) Benzene	6.043	78	531498	50.738	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	116382	49.480	ug/l	93
42) 1,2-Dichloroethane	6.092	62	191911	49.548	ug/l	96
43) Isopropyl Acetate	6.348	43	345814	50.098	ug/l	94
44) Trichloroethene	7.128	130	147654	51.308	ug/l	98
45) 1,2-Dichloropropane	7.433	63	139588	50.357	ug/l	100
46) Dibromomethane	7.586	93	94920	50.483	ug/l	98
47) Bromodichloromethane	7.823	83	178217	52.611	ug/l	99
48) Methyl methacrylate	7.695	41	163226	51.058	ug/l	89
49) 1,4-Dioxane	7.665	88	64728	950.857	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	1061842	251.501	ug/l	91
52) Toluene	8.720	92	328042	50.547	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	209086	48.714	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	223857	53.011	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	136724	52.026	ug/l	100
56) Ethyl methacrylate	9.122	69	221414	52.561	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	227421	50.928	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	561948	251.818	ug/l	97
59) 2-Hexanone	9.433	43	819817	255.705	ug/l	89
60) Dibromochloromethane	9.524	129	138096	47.514	ug/l	100
61) 1,2-Dibromoethane	9.616	107	144003	51.360	ug/l	99
64) Tetrachloroethene	9.274	164	141100	52.331	ug/l	94
65) Chlorobenzene	10.085	112	353629	50.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	130620	49.041	ug/l	98
67) Ethyl Benzene	10.195	91	627551	52.182	ug/l	98
68) m/p-Xylenes	10.305	106	477763	103.296	ug/l	99
69) o-Xylene	10.646	106	234520	51.143	ug/l	98
70) Styrene	10.658	104	386450	53.191	ug/l	98
71) Bromoform	10.805	173	94995	45.805	ug/l	100
73) Isopropylbenzene	10.963	105	621213	51.883	ug/l	99
74) N-amyl acetate	10.847	43	281265	51.491	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	191531	49.107	ug/l	98
76) 1,2,3-Trichloropropane	11.243	75	176838m	50.644	ug/l	
77) Bromobenzene	11.201	156	149363	51.713	ug/l	95
78) n-propylbenzene	11.304	91	717600	52.956	ug/l	98
79) 2-Chlorotoluene	11.365	91	418914	51.734	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	511253	52.432	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	66849	51.478	ug/l	97
82) 4-Chlorotoluene	11.457	91	474110	51.755	ug/l	99
83) tert-Butylbenzene	11.719	119	497048	51.967	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	514065	53.001	ug/l	100
85) sec-Butylbenzene	11.896	105	649964	52.410	ug/l	100
86) p-Isopropyltoluene	12.012	119	537308	53.651	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	275297	51.520	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	271611	50.094	ug/l	99
89) n-Butylbenzene	12.335	91	485320	53.532	ug/l	98
90) Hexachloroethane	12.542	117	87174	48.655	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	263047	50.841	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	43487	46.130	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	174012	53.531	ug/l	99
94) Hexachlorobutadiene	13.725	225	76749	52.611	ug/l	99
95) Naphthalene	13.780	128	594227	53.168	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	177064	53.940	ug/l	98

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

