

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022844.D
 Acq On : 23 Jun 2021 14:19
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062321

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 5:00:04 PM

Quant Time: Jun 24 03:36:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	72905	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	139543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60842	45.99	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.98%		
35) Dibromofluoromethane	5.391	113	43451	49.03	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.06%		
50) Toluene-d8	8.653	98	175114	50.42	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.84%		
62) 4-Bromofluorobenzene	11.085	95	64987	50.14	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.28%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	53600	52.11	ug/l	97
3) Chloromethane	1.294	50	53306	47.19	ug/l	98
4) Vinyl Chloride	1.374	62	51595	49.50	ug/l	100
5) Bromomethane	1.599	94	29067	50.62	ug/l	97
6) Chloroethane	1.678	64	31291	48.58	ug/l	100
7) Trichlorofluoromethane	1.886	101	75318	49.74	ug/l	95
8) Diethyl Ether	2.136	74	28383	48.57	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	47875	50.50	ug/l	89
10) Methyl Iodide	2.453	142	44734	40.08	ug/l	95
11) Tert butyl alcohol	2.977	59	61637	223.53	ug/l	100
12) 1,1-Dichloroethene	2.319	96	46193	48.84	ug/l	92
13) Acrolein	2.239	56	36551	213.12	ug/l	96
14) Allyl chloride	2.666	41	88398	49.19	ug/l	95
15) Acrylonitrile	3.068	53	153210	243.05	ug/l	99
16) Acetone	2.386	43	145161	247.48	ug/l	93
17) Carbon Disulfide	2.508	76	116292	45.47	ug/l	99
18) Methyl Acetate	2.709	43	67732	46.92	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	165439	48.78	ug/l	99
20) Methylene Chloride	2.788	84	54822	47.15	ug/l	# 88
21) trans-1,2-Dichloroethene	3.093	96	50932	48.54	ug/l	96
22) Diisopropyl ether	3.763	45	186383	49.87	ug/l	90
23) Vinyl Acetate	3.727	43	811312	258.75	ug/l	95
24) 1,1-Dichloroethane	3.611	63	97255	48.70	ug/l	99
25) 2-Butanone	4.562	43	229690	251.82	ug/l	90
26) 2,2-Dichloropropane	4.483	77	79253	52.30	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	58085	49.88	ug/l	95
28) Bromochloromethane	4.897	49	45676	48.55	ug/l	# 78
29) Tetrahydrofuran	5.007	42	141139	240.56	ug/l	88
30) Chloroform	5.099	83	96069	47.83	ug/l	99
31) Cyclohexane	5.470	56	92639	49.59	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	82249	50.97	ug/l	96
36) 1,1-Dichloropropene	5.696	75	74477	50.25	ug/l	97
37) Ethyl Acetate	4.721	43	84908	49.45	ug/l	# 93
38) Carbon Tetrachloride	5.678	117	67339	54.17	ug/l	97
39) Methylcyclohexane	7.379	83	93073	53.83	ug/l	96
40) Benzene	6.043	78	217735	50.94	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45799	48.42	ug/l	92
42) 1,2-Dichloroethane	6.086	62	81064	51.55	ug/l	96
43) Isopropyl Acetate	6.342	43	140802	51.01	ug/l #	92
44) Trichloroethene	7.123	130	52002	51.31	ug/l	94
45) 1,2-Dichloropropane	7.434	63	56696	51.43	ug/l	94
46) Dibromomethane	7.580	93	36999	50.59	ug/l #	85
47) Bromodichloromethane	7.824	83	70432	47.55	ug/l	99
48) Methyl methacrylate	7.696	41	65695	51.42	ug/l	87
49) 1,4-Dioxane	7.659	88	27463	998.65	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	444230	258.58	ug/l	90
52) Toluene	8.720	92	135559	52.47	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	81858	46.80	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	90858	48.53	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	53295	51.41	ug/l	98
56) Ethyl methacrylate	9.116	69	90361	47.35	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	95668	50.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	230530	242.54	ug/l	96
59) 2-Hexanone	9.433	43	346897	266.17	ug/l	88
60) Dibromochloromethane	9.525	129	47856	47.34	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53878	51.18	ug/l	99
64) Tetrachloroethene	9.275	164	46261	51.27	ug/l	91
65) Chlorobenzene	10.079	112	137169	50.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	46525	53.24	ug/l	97
67) Ethyl Benzene	10.195	91	261467	52.51	ug/l	97
68) m/p-Xylenes	10.305	106	191304	103.46	ug/l	96
69) o-Xylene	10.646	106	91586	50.89	ug/l	93
70) Styrene	10.659	104	157623	52.77	ug/l	97
71) Bromoform	10.805	173	27549	44.46	ug/l #	98
73) Isopropylbenzene	10.963	105	245356	52.94	ug/l	98
74) N-amyl acetate	10.841	43	124147	47.56	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	81430	51.15	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	75800m	52.39	ug/l	
77) Bromobenzene	11.201	156	49407	51.26	ug/l	80
78) n-propylbenzene	11.305	91	306971	54.74	ug/l	95
79) 2-Chlorotoluene	11.366	91	176985	52.27	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	206614	54.29	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24962	47.04	ug/l	87
82) 4-Chlorotoluene	11.457	91	204945	52.38	ug/l	95
83) tert-Butylbenzene	11.719	119	188460	52.44	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	206704	53.96	ug/l	97
85) sec-Butylbenzene	11.890	105	263508	54.37	ug/l	97
86) p-Isopropyltoluene	12.012	119	209663	54.44	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	96851	52.09	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	97137	49.96	ug/l	96
89) n-Butylbenzene	12.335	91	205978	56.25	ug/l	97
90) Hexachloroethane	12.542	117	34346	48.35	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	92580	51.01	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16549	44.49	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	55198	54.84	ug/l	97
94) Hexachlorobutadiene	13.725	225	21220	53.80	ug/l	99
95) Naphthalene	13.780	128	217291	48.72	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	56418	55.65	ug/l	97

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

