

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021245.D
 Acq On : 16 Mar 2021 15:14
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031621

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:23:52 PM

Quant Time: Mar 17 02:38:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	86375	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.823	114	145040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	133403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	65980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	69385	48.98	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.96%		
35) Dibromofluoromethane	5.458	113	49920	50.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.16%		
50) Toluene-d8	8.694	98	182933	51.09	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.18%		
62) 4-Bromofluorobenzene	11.118	95	74204	53.36	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.72%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	54903	53.21	ug/l	99
3) Chloromethane	1.311	50	72458	48.72	ug/l	98
4) Vinyl Chloride	1.393	62	53280	50.70	ug/l	99
5) Bromomethane	1.623	94	22878	49.84	ug/l	98
6) Chloroethane	1.705	64	32333	50.34	ug/l	98
7) Trichlorofluoromethane	1.911	101	84697	53.46	ug/l	96
8) Diethyl Ether	2.170	74	28589	51.28	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.364	101	47763	52.91	ug/l	95
10) Methyl Iodide	2.487	142	39980	50.74	ug/l #	88
11) Tert butyl alcohol	3.011	59	58082	244.04	ug/l	97
12) 1,1-Dichloroethene	2.352	96	45758	51.96	ug/l	89
13) Acrolein	2.270	56	31124	219.21	ug/l	98
14) Allyl chloride	2.705	41	92875	51.18	ug/l #	88
15) Acrylonitrile	3.111	53	140376	253.67	ug/l	97
16) Acetone	2.417	43	118914	228.12	ug/l #	87
17) Carbon Disulfide	2.546	76	129277	50.44	ug/l	100
18) Methyl Acetate	2.746	43	68131	47.69	ug/l	91
19) Methyl tert-butyl Ether	3.164	73	172208	52.11	ug/l	98
20) Methylene Chloride	2.829	84	53539	49.94	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	49984	50.85	ug/l	93
22) Diisopropyl ether	3.823	45	181242	51.98	ug/l	96
23) Vinyl Acetate	3.782	43	812391	267.08	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	96984	51.51	ug/l	97
25) 2-Butanone	4.629	43	198901	248.14	ug/l #	87
26) 2,2-Dichloropropane	4.546	77	88134	53.65	ug/l	94
27) cis-1,2-Dichloroethene	4.558	96	58877	52.13	ug/l	92
28) Bromochloromethane	4.976	49	43516	49.06	ug/l	84
29) Tetrahydrofuran	5.082	42	132618	250.50	ug/l #	86
30) Chloroform	5.170	83	101403	51.73	ug/l	99
31) Cyclohexane	5.541	56	88658	51.77	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	89989	51.81	ug/l	96
36) 1,1-Dichloropropene	5.764	75	75127	51.41	ug/l	96
37) Ethyl Acetate	4.788	43	82315	48.61	ug/l #	93
38) Carbon Tetrachloride	5.747	117	80049	52.75	ug/l	98
39) Methylcyclohexane	7.435	83	88716	54.68	ug/l	94
40) Benzene	6.105	78	209296	51.97	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	46527	47.88	ug/l	89
42) 1,2-Dichloroethane	6.153	62	88997	51.22	ug/l	94
43) Isopropyl Acetate	6.406	43	139667	50.29	ug/l #	91
44) Trichloroethene	7.182	130	55549	51.93	ug/l	87
45) 1,2-Dichloropropane	7.482	63	57373	53.02	ug/l	96
46) Dibromomethane	7.635	93	40463	51.10	ug/l	93
47) Bromodichloromethane	7.870	83	84473	53.20	ug/l	98
48) Methyl methacrylate	7.741	41	73486	49.89	ug/l #	82
49) 1,4-Dioxane	7.712	88	24467	974.97	ug/l #	86
51) 4-Methyl-2-Pentanone	8.618	43	417929	258.66	ug/l	89
52) Toluene	8.765	92	133982	53.80	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	90176	53.53	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	95397	53.03	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	55051	54.03	ug/l	99
56) Ethyl methacrylate	9.159	69	88808	54.20	ug/l #	76
57) 1,3-Dichloropropane	9.347	76	93832	52.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	222047	247.99	ug/l	96
59) 2-Hexanone	9.471	43	307502	254.27	ug/l	86
60) Dibromochloromethane	9.565	129	63082	54.36	ug/l	100
61) 1,2-Dibromoethane	9.653	107	59410	53.20	ug/l	97
64) Tetrachloroethene	9.318	164	51159	51.35	ug/l	92
65) Chlorobenzene	10.118	112	142970	52.13	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	54729	53.79	ug/l	100
67) Ethyl Benzene	10.235	91	269678	53.17	ug/l	99
68) m/p-Xylenes	10.341	106	194022	107.07	ug/l	95
69) o-Xylene	10.683	106	94016	53.39	ug/l	95
70) Styrene	10.694	104	161446	54.64	ug/l	95
71) Bromoform	10.841	173	44089	53.59	ug/l #	99
73) Isopropylbenzene	11.000	105	255973	52.23	ug/l	100
74) N-amyl acetate	10.877	43	126628	50.93	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	82860	50.93	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	71145m	46.48	ug/l	
77) Bromobenzene	11.236	156	60811	52.29	ug/l	94
78) n-propylbenzene	11.341	91	311064	54.27	ug/l	97
79) 2-Chlorotoluene	11.400	91	180602	51.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	224869	54.22	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	28847	51.17	ug/l #	78
82) 4-Chlorotoluene	11.494	91	217245	53.00	ug/l	96
83) tert-Butylbenzene	11.753	119	208637	52.85	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	222421	52.74	ug/l	97
85) sec-Butylbenzene	11.930	105	249136	53.54	ug/l	99
86) p-Isopropyltoluene	12.047	119	231956	54.40	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	111967	52.79	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	112254	51.75	ug/l	97
89) n-Butylbenzene	12.371	91	215689	55.51	ug/l	97
90) Hexachloroethane	12.577	117	36208	55.75	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	107621	52.03	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	20263	48.56	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	72156	53.07	ug/l	97
94) Hexachlorobutadiene	13.765	225	30707	53.82	ug/l	97
95) Naphthalene	13.818	128	237525	50.75	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	71400	52.72	ug/l	97

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

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