

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021248.D
 Acq On : 16 Mar 2021 16:49
 Operator : JC/MD
 Sample : VX0316WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:23:55 PM

Quant Time: Mar 17 02:40:24 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	84145	50.00	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.823	114	139551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	130643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	62118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	67212	48.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.40%		
35) Dibromofluoromethane	5.464	113	46464	48.93	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.86%		
50) Toluene-d8	8.694	98	168113	48.79	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.58%		
62) 4-Bromofluorobenzene	11.118	95	67503	50.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.90%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	18422	18.33	ug/l	99
3) Chloromethane	1.311	50	25328	16.04	ug/l	99
4) Vinyl Chloride	1.393	62	18734	18.30	ug/l	96
5) Bromomethane	1.622	94	9119	20.39	ug/l	94
6) Chloroethane	1.711	64	11150	17.82	ug/l	94
7) Trichlorofluoromethane	1.917	101	29316	18.99	ug/l	99
8) Diethyl Ether	2.170	74	10408	19.16	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.364	101	16453	18.71	ug/l	95
10) Methyl Iodide	2.487	142	14133	18.41	ug/l #	88
11) Tert butyl alcohol	3.017	59	21372	92.18	ug/l	96
12) 1,1-Dichloroethene	2.352	96	15873	18.50	ug/l #	81
13) Acrolein	2.270	56	11182	82.81	ug/l	100
14) Allyl chloride	2.705	41	32733	18.52	ug/l #	88
15) Acrylonitrile	3.117	53	51024	94.65	ug/l	95
16) Acetone	2.417	43	47285	93.11	ug/l	89
17) Carbon Disulfide	2.546	76	44891	18.32	ug/l	100
18) Methyl Acetate	2.746	43	25120	18.05	ug/l #	88
19) Methyl tert-butyl Ether	3.164	73	62325	19.36	ug/l	96
20) Methylene Chloride	2.834	84	18959	18.15	ug/l	87
21) trans-1,2-Dichloroethene	3.140	96	17285	18.05	ug/l	90
22) Diisopropyl ether	3.823	45	65987	19.43	ug/l #	96
23) Vinyl Acetate	3.782	43	289305	97.63	ug/l #	91
24) 1,1-Dichloroethane	3.664	63	33797	18.43	ug/l	97
25) 2-Butanone	4.629	43	74828	95.82	ug/l	90
26) 2,2-Dichloropropane	4.546	77	29217	18.26	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	20291	18.44	ug/l	89
28) Bromochloromethane	4.976	49	16425	19.01	ug/l	84
29) Tetrahydrofuran	5.088	42	48596	94.23	ug/l #	85
30) Chloroform	5.170	83	36360	19.04	ug/l	96
31) Cyclohexane	5.541	56	30395	18.22	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	31378	18.54	ug/l	95
36) 1,1-Dichloropropene	5.764	75	25939	18.45	ug/l	97
37) Ethyl Acetate	4.793	43	29869	18.33	ug/l #	94
38) Carbon Tetrachloride	5.747	117	28227	19.33	ug/l	97
39) Methylcyclohexane	7.435	83	29925	19.17	ug/l	92
40) Benzene	6.111	78	75108	19.38	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	16631	17.79	ug/l	88
42) 1,2-Dichloroethane	6.158	62	32130	19.22	ug/l	94
43) Isopropyl Acetate	6.405	43	50386	18.86	ug/l #	91
44) Trichloroethene	7.188	130	19640	19.08	ug/l	92
45) 1,2-Dichloropropane	7.488	63	20444	19.64	ug/l	93
46) Dibromomethane	7.635	93	14709	19.31	ug/l	90
47) Bromodichloromethane	7.870	83	29294	19.17	ug/l	99
48) Methyl methacrylate	7.741	41	26854	18.95	ug/l #	81
49) 1,4-Dioxane	7.712	88	9512	387.20	ug/l #	90
51) 4-Methyl-2-Pentanone	8.618	43	151793	97.64	ug/l	89
52) Toluene	8.765	92	45522	19.00	ug/l	96
53) t-1,3-Dichloropropene	9.018	75	30476	18.80	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	32855	18.98	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	19159	19.54	ug/l	97
56) Ethyl methacrylate	9.159	69	31021	19.68	ug/l #	72
57) 1,3-Dichloropropane	9.353	76	34210	20.05	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	84472	98.05	ug/l	94
59) 2-Hexanone	9.471	43	114176	98.13	ug/l	85
60) Dibromochloromethane	9.565	129	21889	19.61	ug/l	99
61) 1,2-Dibromoethane	9.653	107	20974	19.52	ug/l	98
64) Tetrachloroethene	9.318	164	17356	17.79	ug/l	94
65) Chlorobenzene	10.118	112	50174	18.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	18637	18.70	ug/l	99
67) Ethyl Benzene	10.235	91	91717	18.47	ug/l	99
68) m/p-Xylenes	10.341	106	66393	37.41	ug/l	91
69) o-Xylene	10.682	106	31660	18.36	ug/l	91
70) Styrene	10.694	104	54053	18.68	ug/l	94
71) Bromoform	10.841	173	15247	18.93	ug/l #	99
73) Isopropylbenzene	11.000	105	87516	18.97	ug/l	99
74) N-amyl acetate	10.877	43	44539	19.03	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	29897	19.52	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	25750m	17.87	ug/l	
77) Bromobenzene	11.241	156	21141	19.31	ug/l	95
78) n-propylbenzene	11.341	91	104329	19.33	ug/l	97
79) 2-Chlorotoluene	11.400	91	61992	18.92	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	77305	19.80	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	8987	16.93	ug/l #	80
82) 4-Chlorotoluene	11.494	91	73070	18.94	ug/l	96
83) tert-Butylbenzene	11.753	119	71536	19.25	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	77017	19.40	ug/l	96
85) sec-Butylbenzene	11.930	105	85231	19.46	ug/l	98
86) p-Isopropyltoluene	12.047	119	75905	18.91	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	36927	18.49	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	37856	18.54	ug/l	97
89) n-Butylbenzene	12.371	91	69267	18.93	ug/l	97
90) Hexachloroethane	12.577	117	11747	19.21	ug/l	94
91) 1,2-Dichlorobenzene	12.371	146	37036	19.02	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	7300	18.58	ug/l	76
93) 1,2,4-Trichlorobenzene	13.630	180	23684	18.50	ug/l	97
94) Hexachlorobutadiene	13.765	225	10277	19.13	ug/l	97
95) Naphthalene	13.818	128	79535	18.05	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	23564	18.48	ug/l	97

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

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