

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031721\
 Data File : VX021263.D
 Acq On : 17 Mar 2021 11:41
 Operator : JC/MD
 Sample : VX0317WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 2:21:10 PM

Quant Time: Mar 18 03:51:29 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	5.629	168	81991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	136519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	127762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	62063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	66906	49.75	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.50%		
35) Dibromofluoromethane	5.464	113	45967	49.48	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.96%		
50) Toluene-d8	8.694	98	165970	49.24	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.48%		
62) 4-Bromofluorobenzene	11.118	95	67024	51.20	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	17555	17.92	ug/l	99
3) Chloromethane	1.311	50	24487	15.89	ug/l	99
4) Vinyl Chloride	1.393	62	17574	17.62	ug/l	100
5) Bromomethane	1.623	94	9273	21.28	ug/l	97
6) Chloroethane	1.711	64	10688	17.53	ug/l	91
7) Trichlorofluoromethane	1.917	101	27982	18.61	ug/l	98
8) Diethyl Ether	2.170	74	10051	18.99	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.364	101	15954	18.62	ug/l	95
10) Methyl Iodide	2.487	142	12791	17.10	ug/l #	89
11) Tert butyl alcohol	3.011	59	21286	94.22	ug/l	97
12) 1,1-Dichloroethene	2.352	96	14953	17.89	ug/l	85
13) Acrolein	2.270	56	12342	93.39	ug/l	91
14) Allyl chloride	2.705	41	30739	17.84	ug/l	87
15) Acrylonitrile	3.111	53	49426	94.09	ug/l	96
16) Acetone	2.417	43	45103	91.15	ug/l	88
17) Carbon Disulfide	2.552	76	41855	17.56	ug/l	99
18) Methyl Acetate	2.746	43	23990	17.69	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	59180	18.87	ug/l	96
20) Methylene Chloride	2.835	84	18010	17.70	ug/l #	82
21) trans-1,2-Dichloroethene	3.140	96	16349	17.52	ug/l	93
22) Diisopropyl ether	3.823	45	62869	18.99	ug/l #	95
23) Vinyl Acetate	3.782	43	276876	95.89	ug/l #	93
24) 1,1-Dichloroethane	3.664	63	32632	18.26	ug/l	98
25) 2-Butanone	4.629	43	71088	93.43	ug/l #	88
26) 2,2-Dichloropropane	4.547	77	28248	18.11	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	19835	18.50	ug/l	90
28) Bromochloromethane	4.976	49	16137	19.16	ug/l	82
29) Tetrahydrofuran	5.082	42	45801	91.14	ug/l	87
30) Chloroform	5.170	83	34302	18.43	ug/l	96
31) Cyclohexane	5.541	56	29191	17.96	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	30595	18.56	ug/l	95
36) 1,1-Dichloropropene	5.764	75	24826	18.05	ug/l	97
37) Ethyl Acetate	4.788	43	27608	17.32	ug/l	94
38) Carbon Tetrachloride	5.747	117	26753	18.73	ug/l	93
39) Methylcyclohexane	7.435	83	28698	18.79	ug/l	91
40) Benzene	6.106	78	71568	18.88	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	16144	17.65	ug/l	89
42) 1,2-Dichloroethane	6.153	62	31253	19.11	ug/l	93
43) Isopropyl Acetate	6.412	43	48118	18.41	ug/l #	90
44) Trichloroethene	7.182	130	18395	18.27	ug/l	88
45) 1,2-Dichloropropane	7.482	63	19899	19.54	ug/l	93
46) Dibromomethane	7.635	93	14204	19.06	ug/l	88
47) Bromodichloromethane	7.871	83	28175	18.85	ug/l	98
48) Methyl methacrylate	7.741	41	25634	18.49	ug/l #	81
49) 1,4-Dioxane	7.712	88	8622	357.94	ug/l #	85
51) 4-Methyl-2-Pentanone	8.618	43	145806	95.87	ug/l	88
52) Toluene	8.765	92	44520	18.99	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	29743	18.76	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	31097	18.37	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	19112	19.93	ug/l	99
56) Ethyl methacrylate	9.153	69	29351	19.03	ug/l #	73
57) 1,3-Dichloropropane	9.347	76	32097	19.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	81336	96.51	ug/l	95
59) 2-Hexanone	9.471	43	109558	96.25	ug/l	84
60) Dibromochloromethane	9.559	129	21054	19.28	ug/l	100
61) 1,2-Dibromoethane	9.653	107	20165	19.19	ug/l	98
64) Tetrachloroethene	9.312	164	17101	17.92	ug/l	91
65) Chlorobenzene	10.118	112	48056	18.30	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	18574	19.06	ug/l	99
67) Ethyl Benzene	10.236	91	87779	18.07	ug/l	98
68) m/p-Xylenes	10.341	106	63364	36.51	ug/l	91
69) o-Xylene	10.683	106	31048	18.41	ug/l	96
70) Styrene	10.694	104	52607	18.59	ug/l	95
71) Bromoform	10.842	173	14454	18.35	ug/l #	97
73) Isopropylbenzene	11.000	105	84245	18.27	ug/l	99
74) N-amyl acetate	10.877	43	42343	18.11	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	28848	18.85	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	28508m	19.80	ug/l	
77) Bromobenzene	11.236	156	20193	18.46	ug/l	90
78) n-propylbenzene	11.342	91	100490	18.64	ug/l	96
79) 2-Chlorotoluene	11.406	91	60841	18.58	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	73605	18.87	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	9208	17.36	ug/l #	83
82) 4-Chlorotoluene	11.495	91	71300	18.49	ug/l	96
83) tert-Butylbenzene	11.753	119	69215	18.64	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	75356	19.00	ug/l	95
85) sec-Butylbenzene	11.930	105	82251	18.79	ug/l	98
86) p-Isopropyltoluene	12.048	119	74451	18.56	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	36907	18.50	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	37267	18.27	ug/l	98
89) n-Butylbenzene	12.371	91	66751	18.26	ug/l	96
90) Hexachloroethane	12.577	117	12467	20.41	ug/l	88
91) 1,2-Dichlorobenzene	12.377	146	35371	18.18	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6976	17.77	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	21997	17.20	ug/l	99
94) Hexachlorobutadiene	13.765	225	9822	18.30	ug/l	99
95) Naphthalene	13.818	128	76949	17.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	23201	18.21	ug/l	96

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

