

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021702.D
 Acq On : 01 Apr 2021 13:01
 Operator : JC/MD
 Sample : VX0401WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 12:55:23 PM

Quant Time: Apr 02 03:25:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	74816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	118423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	59185	47.54	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.08%		
35) Dibromofluoromethane	5.458	113	42875	50.97	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.94%		
50) Toluene-d8	8.694	98	150590	50.24	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.48%		
62) 4-Bromofluorobenzene	11.118	95	56298	48.31	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.62%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	13355	16.24	ug/l	96
3) Chloromethane	1.311	50	15958	16.91	ug/l	97
4) Vinyl Chloride	1.393	62	14401	17.12	ug/l	99
5) Bromomethane	1.622	94	7452	22.01	ug/l	95
6) Chloroethane	1.705	64	9391	17.60	ug/l	100
7) Trichlorofluoromethane	1.911	101	25201	18.42	ug/l	96
8) Diethyl Ether	2.170	74	8382	17.66	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.364	101	14532	18.87	ug/l	97
10) Methyl Iodide	2.487	142	12402	24.53	ug/l	90
11) Tert butyl alcohol	3.011	59	16712	81.21	ug/l	95
12) 1,1-Dichloroethene	2.352	96	12506	16.59	ug/l	82
13) Acrolein	2.270	56	8757	87.21	ug/l	95
14) Allyl chloride	2.705	41	25583	16.72	ug/l #	89
15) Acrylonitrile	3.111	53	43057	88.04	ug/l	98
16) Acetone	2.417	43	39306	83.51	ug/l #	87
17) Carbon Disulfide	2.546	76	30268	14.30	ug/l	100
18) Methyl Acetate	2.746	43	26799	19.71	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	49729	17.66	ug/l	96
20) Methylene Chloride	2.828	84	15955	17.37	ug/l #	87
21) trans-1,2-Dichloroethene	3.140	96	14492	17.50	ug/l	96
22) Diisopropyl ether	3.823	45	53472	17.98	ug/l #	95
23) Vinyl Acetate	3.782	43	212783	84.61	ug/l #	93
24) 1,1-Dichloroethane	3.664	63	28966	18.07	ug/l	97
25) 2-Butanone	4.629	43	60274	84.48	ug/l	90
26) 2,2-Dichloropropane	4.546	77	24201	17.43	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	16886	17.56	ug/l	90
28) Bromochloromethane	4.976	49	14936	18.61	ug/l	85
29) Tetrahydrofuran	5.082	42	38221	82.62	ug/l	88
30) Chloroform	5.170	83	31575	18.66	ug/l	95
31) Cyclohexane	5.541	56	22286	16.28	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	27272	18.19	ug/l	95
36) 1,1-Dichloropropene	5.764	75	20744	17.88	ug/l	99
37) Ethyl Acetate	4.793	43	22982	17.13	ug/l #	93
38) Carbon Tetrachloride	5.747	117	24437	19.60	ug/l	97
39) Methylcyclohexane	7.441	83	22509	17.50	ug/l	97
40) Benzene	6.105	78	61537	18.68	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.993	41	13402	17.22	ug/l	89
42) 1,2-Dichloroethane	6.158	62	27319	19.12	ug/l	93
43) Isopropyl Acetate	6.405	43	38495	17.67	ug/l #	90
44) Trichloroethene	7.182	130	16673	19.18	ug/l	98
45) 1,2-Dichloropropane	7.482	63	17247	19.32	ug/l	97
46) Dibromomethane	7.629	93	12484	19.19	ug/l	92
47) Bromodichloromethane	7.870	83	25609	19.34	ug/l	99
48) Methyl methacrylate	7.741	41	20140	17.33	ug/l #	82
49) 1,4-Dioxane	7.706	88	7280	349.91	ug/l #	84
51) 4-Methyl-2-Pentanone	8.617	43	125105	93.36	ug/l	88
52) Toluene	8.765	92	38832	19.08	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	23902	17.88	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	26188	18.41	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	16775	19.53	ug/l	97
56) Ethyl methacrylate	9.159	69	22848	17.17	ug/l #	73
57) 1,3-Dichloropropane	9.353	76	28139	19.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	65859	90.72	ug/l	95
59) 2-Hexanone	9.471	43	91866	91.30	ug/l	84
60) Dibromochloromethane	9.565	129	18591	19.32	ug/l	97
61) 1,2-Dibromoethane	9.653	107	17290	18.74	ug/l	97
64) Tetrachloroethene	9.318	164	16451	22.00	ug/l	96
65) Chlorobenzene	10.118	112	41608	18.56	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.200	131	16977	19.76	ug/l	98
67) Ethyl Benzene	10.235	91	73296	17.93	ug/l	100
68) m/p-Xylenes	10.341	106	55150	37.88	ug/l	95
69) o-Xylene	10.682	106	25368	17.99	ug/l	91
70) Styrene	10.694	104	44582	18.38	ug/l	97
71) Bromoform	10.841	173	13200	18.91	ug/l #	96
73) Isopropylbenzene	11.000	105	73071	19.27	ug/l	100
74) N-amyl acetate	10.877	43	31304	17.06	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.253	83	24729	18.46	ug/l	97
76) 1,2,3-Trichloropropane	11.277	75	24334m	19.37	ug/l	
77) Bromobenzene	11.235	156	18091	19.25	ug/l	96
78) n-propylbenzene	11.341	91	83471	18.64	ug/l	98
79) 2-Chlorotoluene	11.400	91	50861	18.72	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	60883	18.79	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	7083	17.17	ug/l #	82
82) 4-Chlorotoluene	11.494	91	59855	18.56	ug/l	97
83) tert-Butylbenzene	11.753	119	57188	18.13	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	62535	19.15	ug/l	95
85) sec-Butylbenzene	11.930	105	68920	18.94	ug/l	99
86) p-Isopropyltoluene	12.047	119	62549	18.89	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	32562	19.24	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	32498	18.56	ug/l	97
89) n-Butylbenzene	12.371	91	55192	18.19	ug/l	95
90) Hexachloroethane	12.577	117	11313	18.93	ug/l	97
91) 1,2-Dichlorobenzene	12.377	146	31334	19.04	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	5535	17.72	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	19893	18.44	ug/l	99
94) Hexachlorobutadiene	13.765	225	9334	19.17	ug/l	97
95) Naphthalene	13.818	128	62024	17.63	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	20023	18.57	ug/l	99

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

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