

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021731.D
 Acq On : 02 Apr 2021 10:39
 Operator : JC/MD
 Sample : VX0401WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0401WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 1:12:48 PM

Quant Time: Apr 03 02:01:10 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	5.629	168	74141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	119715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	58020	47.03	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.06%		
35) Dibromofluoromethane	5.458	113	42256	49.69	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.38%		
50) Toluene-d8	8.694	98	148303	48.94	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.88%		
62) 4-Bromofluorobenzene	11.118	95	57575	48.87	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.74%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	13380	16.42	ug/l	97
3) Chloromethane	1.310	50	15776	16.87	ug/l	99
4) Vinyl Chloride	1.393	62	14246	17.09	ug/l	98
5) Bromomethane	1.622	94	6826	20.35	ug/l	98
6) Chloroethane	1.705	64	9292	17.58	ug/l	98
7) Trichlorofluoromethane	1.911	101	25040	18.47	ug/l	98
8) Diethyl Ether	2.164	74	8517	18.10	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.364	101	13908	18.22	ug/l	97
10) Methyl Iodide	2.487	142	10454	21.85	ug/l #	87
11) Tert butyl alcohol	3.011	59	16793	82.34	ug/l	95
12) 1,1-Dichloroethene	2.352	96	12564	16.81	ug/l	88
13) Acrolein	2.269	56	8536	85.85	ug/l	90
14) Allyl chloride	2.705	41	25873	17.06	ug/l #	89
15) Acrylonitrile	3.111	53	42140	86.95	ug/l	98
16) Acetone	2.417	43	38820	83.23	ug/l #	86
17) Carbon Disulfide	2.546	76	29730	14.17	ug/l	99
18) Methyl Acetate	2.746	43	26198	19.44	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	50402	18.06	ug/l	100
20) Methylene Chloride	2.834	84	15433	16.96	ug/l	87
21) trans-1,2-Dichloroethene	3.140	96	14087	17.16	ug/l	95
22) Diisopropyl ether	3.817	45	53354	18.11	ug/l	88
23) Vinyl Acetate	3.781	43	213567	85.69	ug/l #	94
24) 1,1-Dichloroethane	3.664	63	28643	18.03	ug/l	96
25) 2-Butanone	4.629	43	58516	82.76	ug/l	92
26) 2,2-Dichloropropane	4.546	77	25240	18.34	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	16928	17.76	ug/l	89
28) Bromochloromethane	4.976	49	14409	18.12	ug/l	91
29) Tetrahydrofuran	5.082	42	37966	82.82	ug/l	86
30) Chloroform	5.170	83	31664	18.89	ug/l	98
31) Cyclohexane	5.540	56	22452	16.55	ug/l	89
32) 1,1,1-Trichloroethane	5.458	97	27092	18.24	ug/l	95
36) 1,1-Dichloropropene	5.764	75	20768	17.71	ug/l	97
37) Ethyl Acetate	4.787	43	22567	16.64	ug/l #	93
38) Carbon Tetrachloride	5.746	117	23511	18.65	ug/l	99
39) Methylcyclohexane	7.435	83	21898	16.84	ug/l #	88
40) Benzene	6.105	78	61119	18.35	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	13706	17.42	ug/l	89
42) 1,2-Dichloroethane	6.152	62	27193	18.83	ug/l	94
43) Isopropyl Acetate	6.405	43	38802	17.62	ug/l #	91
44) Trichloroethene	7.182	130	16233	18.47	ug/l	90
45) 1,2-Dichloropropane	7.488	63	17114	18.97	ug/l	96
46) Dibromomethane	7.629	93	12153	18.48	ug/l	93
47) Bromodichloromethane	7.870	83	25542	19.08	ug/l	99
48) Methyl methacrylate	7.741	41	20678	17.60	ug/l #	81
49) 1,4-Dioxane	7.711	88	7192	341.95	ug/l #	83
51) 4-Methyl-2-Pentanone	8.617	43	123631	91.27	ug/l	88
52) Toluene	8.764	92	38705	18.81	ug/l	98
53) t-1,3-Dichloropropene	9.017	75	25320	18.74	ug/l	99
54) cis-1,3-Dichloropropene	8.411	75	27037	18.80	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	16630	19.15	ug/l	98
56) Ethyl methacrylate	9.159	69	23204	17.24	ug/l #	73
57) 1,3-Dichloropropane	9.347	76	28015	18.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	67100	91.43	ug/l	96
59) 2-Hexanone	9.470	43	91774	90.23	ug/l	84
60) Dibromochloromethane	9.564	129	19320	19.86	ug/l	99
61) 1,2-Dibromoethane	9.653	107	17445	18.70	ug/l	98
64) Tetrachloroethene	9.317	164	15055	19.71	ug/l	88
65) Chlorobenzene	10.118	112	42826	18.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	17209	19.61	ug/l	97
67) Ethyl Benzene	10.235	91	75137	18.00	ug/l	100
68) m/p-Xylenes	10.341	106	55312	37.19	ug/l	94
69) o-Xylene	10.682	106	26534	18.42	ug/l	95
70) Styrene	10.694	104	45529	18.38	ug/l	96
71) Bromoform	10.841	173	13461	18.87	ug/l #	99
73) Isopropylbenzene	11.000	105	72359	18.17	ug/l	99
74) N-amyl acetate	10.876	43	32965	17.10	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	25393	18.04	ug/l	100
76) 1,2,3-Trichloropropane	11.276	75	25009m	18.95	ug/l	
77) Bromobenzene	11.235	156	18676	18.91	ug/l	97
78) n-propylbenzene	11.341	91	86948	18.48	ug/l	98
79) 2-Chlorotoluene	11.400	91	52263	18.31	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	62874	18.47	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	7292	16.83	ug/l #	82
82) 4-Chlorotoluene	11.494	91	62100	18.33	ug/l	97
83) tert-Butylbenzene	11.753	119	60072	18.13	ug/l	91
84) 1,2,4-Trimethylbenzene	11.788	105	63855	18.61	ug/l	97
85) sec-Butylbenzene	11.930	105	70620	18.48	ug/l	99
86) p-Isopropyltoluene	12.047	119	65003	18.68	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	33959	19.10	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	33474	18.20	ug/l	96
89) n-Butylbenzene	12.371	91	56691	17.78	ug/l	96
90) Hexachloroethane	12.577	117	11580	18.44	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	32397	18.74	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	5694	17.39	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	19970	17.62	ug/l	96
94) Hexachlorobutadiene	13.765	225	9343	18.27	ug/l	99
95) Naphthalene	13.818	128	63007	17.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	20350	17.97	ug/l	98

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

