

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021433.D
 Acq On : 24 Mar 2021 14:21
 Operator : JC/MD
 Sample : VX0324WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:49:51 AM

Quant Time: Mar 24 17:17:37 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	79196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	132068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	126656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	63385	48.10	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.20%		
35) Dibromofluoromethane	5.458	113	44733	47.68	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.36%		
50) Toluene-d8	8.694	98	162658	48.66	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.32%		
62) 4-Bromofluorobenzene	11.118	95	63112	48.56	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	16584	19.05	ug/l	97
3) Chloromethane	1.311	50	19431	19.44	ug/l	99
4) Vinyl Chloride	1.393	62	16722	18.78	ug/l	96
5) Bromomethane	1.623	94	7571	21.13	ug/l	93
6) Chloroethane	1.705	64	10565	18.71	ug/l	96
7) Trichlorofluoromethane	1.911	101	27269	18.83	ug/l	98
8) Diethyl Ether	2.170	74	9270	18.45	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.364	101	15420	18.92	ug/l	94
10) Methyl Iodide	2.487	142	9998	20.26	ug/l #	89
11) Tert butyl alcohol	3.011	59	19356	88.85	ug/l	97
12) 1,1-Dichloroethene	2.352	96	14224	17.82	ug/l	85
13) Acrolein	2.270	56	9213	86.70	ug/l	97
14) Allyl chloride	2.705	41	29137	17.99	ug/l #	86
15) Acrylonitrile	3.117	53	48185	93.07	ug/l	99
16) Acetone	2.417	43	44101	88.52	ug/l	92
17) Carbon Disulfide	2.546	76	39814	17.77	ug/l	99
18) Methyl Acetate	2.746	43	28038	19.48	ug/l	91
19) Methyl tert-butyl Ether	3.164	73	55878	18.75	ug/l	99
20) Methylene Chloride	2.829	84	18068	18.58	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	16170	18.44	ug/l	92
22) Diisopropyl ether	3.823	45	58829	18.69	ug/l	97
23) Vinyl Acetate	3.782	43	246847	92.72	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	31370	18.49	ug/l	98
25) 2-Butanone	4.635	43	68641	90.88	ug/l	90
26) 2,2-Dichloropropane	4.547	77	26327	17.91	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	18442	18.12	ug/l	89
28) Bromochloromethane	4.976	49	15749	18.54	ug/l	85
29) Tetrahydrofuran	5.082	42	44687	91.26	ug/l	86
30) Chloroform	5.164	83	33950	18.96	ug/l	93
31) Cyclohexane	5.541	56	27588	19.04	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	29427	18.54	ug/l	95
36) 1,1-Dichloropropene	5.764	75	23915	18.48	ug/l	97
37) Ethyl Acetate	4.788	43	26087	17.43	ug/l #	93
38) Carbon Tetrachloride	5.747	117	26488	19.05	ug/l	95
39) Methylcyclohexane	7.435	83	27324	19.05	ug/l	92
40) Benzene	6.106	78	68511	18.64	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	15370	17.71	ug/l	88
42) 1,2-Dichloroethane	6.158	62	29781	18.69	ug/l	94
43) Isopropyl Acetate	6.406	43	44194	18.19	ug/l #	89
44) Trichloroethene	7.188	130	18077	18.64	ug/l	98
45) 1,2-Dichloropropane	7.488	63	18754	18.84	ug/l	95
46) Dibromomethane	7.635	93	13428	18.51	ug/l	92
47) Bromodichloromethane	7.870	83	26982	18.27	ug/l	97
48) Methyl methacrylate	7.741	41	23583	18.20	ug/l #	82
49) 1,4-Dioxane	7.712	88	8749	377.07	ug/l #	89
51) 4-Methyl-2-Pentanone	8.618	43	139499	93.35	ug/l	88
52) Toluene	8.765	92	43169	19.02	ug/l	97
53) t-1,3-Dichloropropene	9.018	75	27008	18.12	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	29627	18.67	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	17636	18.41	ug/l	96
56) Ethyl methacrylate	9.159	69	27145	18.16	ug/l #	74
57) 1,3-Dichloropropane	9.353	76	30891	18.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	76565	94.57	ug/l	96
59) 2-Hexanone	9.471	43	104901	93.49	ug/l	85
60) Dibromochloromethane	9.565	129	20373	18.99	ug/l	99
61) 1,2-Dibromoethane	9.653	107	19409	18.86	ug/l	99
64) Tetrachloroethene	9.318	164	15687	18.49	ug/l	90
65) Chlorobenzene	10.118	112	47582	18.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	17370	17.82	ug/l	99
67) Ethyl Benzene	10.235	91	83870	18.08	ug/l	99
68) m/p-Xylenes	10.341	106	62141	37.61	ug/l	93
69) o-Xylene	10.683	106	30381	18.98	ug/l	97
70) Styrene	10.694	104	50121	18.21	ug/l	95
71) Bromoform	10.841	173	14036	17.72	ug/l #	98
73) Isopropylbenzene	11.000	105	82004	19.81	ug/l	99
74) N-amyl acetate	10.883	43	37821	18.89	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.247	83	28199	19.28	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	27132m	19.79	ug/l	
77) Bromobenzene	11.236	156	19805	19.30	ug/l	94
78) n-propylbenzene	11.342	91	96028	19.65	ug/l	98
79) 2-Chlorotoluene	11.406	91	57881	19.52	ug/l	97
80) 1,3,5-Trimethylbenzene	11.489	105	72533	20.51	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	8069	17.92	ug/l #	81
82) 4-Chlorotoluene	11.494	91	70181	19.94	ug/l	96
83) tert-Butylbenzene	11.753	119	67092	19.49	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	70203	19.70	ug/l	96
85) sec-Butylbenzene	11.930	105	80408	20.25	ug/l	99
86) p-Isopropyltoluene	12.047	119	72336	20.01	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	36030	19.50	ug/l	99
88) 1,4-Dichlorobenzene	12.077	146	35740	18.70	ug/l	96
89) n-Butylbenzene	12.371	91	65007	19.63	ug/l	96
90) Hexachloroethane	12.577	117	12637	19.37	ug/l	93
91) 1,2-Dichlorobenzene	12.371	146	33585	18.70	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6406	18.67	ug/l	76
93) 1,2,4-Trichlorobenzene	13.624	180	21443	18.21	ug/l	98
94) Hexachlorobutadiene	13.765	225	9967	18.76	ug/l	99
95) Naphthalene	13.818	128	71715	18.68	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	22147	18.82	ug/l	97

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

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