

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021349.D
 Acq On : 22 Mar 2021 11:56
 Operator : JC/MD
 Sample : VX0322WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/23/2021 10:48:32 AM

Quant Time: Mar 23 01:58:13 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	78189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	131534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	122884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	64945	50.64	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.28%
35) Dibromofluoromethane	5.458	113	44521	49.74	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.48%
50) Toluene-d8	8.694	98	160010	49.27	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.54%
62) 4-Bromofluorobenzene	11.118	95	64431	51.09	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.18%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	17989	19.26	ug/l	96
3) Chloromethane	1.311	50	22053	14.89	ug/l	99
4) Vinyl Chloride	1.393	62	17464	18.36	ug/l	99
5) Bromomethane	1.623	94	9099	21.90	ug/l	100
6) Chloroethane	1.705	64	10871	18.70	ug/l	98
7) Trichlorofluoromethane	1.911	101	28475	19.85	ug/l	98
8) Diethyl Ether	2.170	74	9860	19.54	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.364	101	15914	19.48	ug/l	96
10) Methyl Iodide	2.487	142	13202	18.51	ug/l #	89
11) Tert butyl alcohol	3.011	59	20995	97.45	ug/l	97
12) 1,1-Dichloroethene	2.352	96	15058	18.89	ug/l	82
13) Acrolein	2.270	56	14128	111.48	ug/l	98
14) Allyl chloride	2.705	41	30454	18.54	ug/l #	87
15) Acrylonitrile	3.111	53	48866	97.55	ug/l	96
16) Acetone	2.417	43	45998	97.48	ug/l #	86
17) Carbon Disulfide	2.546	76	40996	18.02	ug/l	98
18) Methyl Acetate	2.746	43	24001	18.56	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	58675	19.62	ug/l	95
20) Methylene Chloride	2.834	84	18490	19.05	ug/l	87
21) trans-1,2-Dichloroethene	3.140	96	16677	18.74	ug/l	90
22) Diisopropyl ether	3.823	45	61821	19.59	ug/l	97
23) Vinyl Acetate	3.782	43	270056	98.08	ug/l #	94
24) 1,1-Dichloroethane	3.664	63	32552	19.10	ug/l	97
25) 2-Butanone	4.629	43	69919	96.36	ug/l	90
26) 2,2-Dichloropropane	4.541	77	28182	18.95	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	19758	19.32	ug/l	91
28) Bromochloromethane	4.976	49	15881	19.78	ug/l	85
29) Tetrahydrofuran	5.088	42	45675	95.31	ug/l	86
30) Chloroform	5.170	83	34991	19.72	ug/l	99
31) Cyclohexane	5.541	56	28486	18.37	ug/l	91
32) 1,1,1-Trichloroethane	5.464	97	30875	19.64	ug/l	96
36) 1,1-Dichloropropene	5.764	75	25205	19.02	ug/l	96
37) Ethyl Acetate	4.788	43	27890	18.16	ug/l #	93
38) Carbon Tetrachloride	5.747	117	27325	19.85	ug/l	98
39) Methylcyclohexane	7.441	83	28229	19.18	ug/l	95
40) Benzene	6.111	78	71745	19.64	ug/l	100

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41) Methacrylonitrile	4.999	41	15879	18.02	ug/l	88
42) 1,2-Dichloroethane	6.158	62	31277	19.85	ug/l	94
43) Isopropyl Acetate	6.406	43	47140	18.72	ug/l #	90
44) Trichloroethene	7.188	130	18622	19.20	ug/l	93
45) 1,2-Dichloropropane	7.488	63	19741	20.12	ug/l	96
46) Dibromomethane	7.635	93	14137	19.69	ug/l	93
47) Bromodichloromethane	7.876	83	29114	20.22	ug/l	100
48) Methyl methacrylate	7.741	41	25062	18.76	ug/l #	81
49) 1,4-Dioxane	7.712	88	9009	389.13	ug/l #	85
51) 4-Methyl-2-Pentanone	8.618	43	145394	99.22	ug/l	87
52) Toluene	8.765	92	44855	19.86	ug/l	98
53) t-1,3-Dichloropropene	9.018	75	28953	18.95	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	31158	19.10	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	18746	20.29	ug/l	95
56) Ethyl methacrylate	9.159	69	28612	19.26	ug/l #	73
57) 1,3-Dichloropropane	9.353	76	32695	20.33	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	74214	91.39	ug/l	96
59) 2-Hexanone	9.471	43	109064	99.45	ug/l	84
60) Dibromochloromethane	9.565	129	21683	20.60	ug/l	99
61) 1,2-Dibromoethane	9.653	107	20157	19.90	ug/l	100
64) Tetrachloroethene	9.318	164	16794	18.30	ug/l #	90
65) Chlorobenzene	10.118	112	49451	19.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	18591	19.84	ug/l	99
67) Ethyl Benzene	10.235	91	88894	19.03	ug/l	99
68) m/p-Xylenes	10.341	106	64295	38.52	ug/l	91
69) o-Xylene	10.683	106	30862	19.03	ug/l	91
70) Styrene	10.694	104	52627	19.34	ug/l	94
71) Bromoform	10.841	173	15343	20.25	ug/l #	99
73) Isopropylbenzene	11.000	105	86124	19.37	ug/l	98
74) N-amyl acetate	10.877	43	41115	18.23	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	29486	19.97	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	29240m	21.05	ug/l	
77) Bromobenzene	11.236	156	20964	19.87	ug/l	95
78) n-propylbenzene	11.341	91	99715	19.17	ug/l	99
79) 2-Chlorotoluene	11.400	91	60964	19.30	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	74945	19.92	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	9191	17.97	ug/l #	86
82) 4-Chlorotoluene	11.494	91	71563	19.24	ug/l	95
83) tert-Butylbenzene	11.753	119	69966	19.53	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	75617	19.76	ug/l	96
85) sec-Butylbenzene	11.930	105	84253	19.95	ug/l	99
86) p-Isopropyltoluene	12.047	119	76674	19.82	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	37387	19.43	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	38106	19.36	ug/l	97
89) n-Butylbenzene	12.371	91	68189	19.34	ug/l	96
90) Hexachloroethane	12.577	117	13454	22.83	ug/l	91
91) 1,2-Dichlorobenzene	12.377	146	36865	19.64	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6722	17.75	ug/l	81
93) 1,2,4-Trichlorobenzene	13.624	180	22847	18.52	ug/l	99
94) Hexachlorobutadiene	13.765	225	9876	19.08	ug/l	96
95) Naphthalene	13.818	128	75006	17.66	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	23101	18.80	ug/l	98

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

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