

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021385.D
 Acq On : 23 Mar 2021 15:09
 Operator : JC/MD
 Sample : VX0323WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/24/2021 6:15:54 PM

Quant Time: Mar 24 01:56:08 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	87521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	143718	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	134378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	66302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	66550	46.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.72%		
35) Dibromofluoromethane	5.464	113	47658	48.73	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.46%		
50) Toluene-d8	8.694	98	170390	48.02	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.04%		
62) 4-Bromofluorobenzene	11.118	95	69093	50.14	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.28%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	17865	17.09	ug/l	98
3) Chloromethane	1.310	50	23015	13.73	ug/l	97
4) Vinyl Chloride	1.393	62	18059	16.96	ug/l	98
5) Bromomethane	1.622	94	9482	20.39	ug/l	97
6) Chloroethane	1.705	64	11628	17.87	ug/l	99
7) Trichlorofluoromethane	1.911	101	29399	18.31	ug/l	96
8) Diethyl Ether	2.169	74	10278	18.19	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.364	101	16678	18.23	ug/l	96
10) Methyl Iodide	2.487	142	15068	18.87	ug/l #	89
11) Tert butyl alcohol	3.017	59	21700	89.98	ug/l	99
12) 1,1-Dichloroethene	2.352	96	15740	17.64	ug/l	86
13) Acrolein	2.275	56	13740	97.27	ug/l	99
14) Allyl chloride	2.705	41	31951	17.38	ug/l #	89
15) Acrylonitrile	3.117	53	53029	94.57	ug/l	97
16) Acetone	2.422	43	49214	93.18	ug/l	89
17) Carbon Disulfide	2.546	76	40125	15.82	ug/l	99
18) Methyl Acetate	2.752	43	27974	19.33	ug/l #	87
19) Methyl tert-butyl Ether	3.170	73	62852	18.77	ug/l	99
20) Methylene Chloride	2.834	84	19394	17.85	ug/l	90
21) trans-1,2-Dichloroethene	3.140	96	17284	17.35	ug/l #	83
22) Diisopropyl ether	3.828	45	64176	18.16	ug/l	96
23) Vinyl Acetate	3.787	43	273641	88.78	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	34500	18.08	ug/l	98
25) 2-Butanone	4.634	43	76593	94.30	ug/l	90
26) 2,2-Dichloropropane	4.552	77	27774	16.69	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	20349	17.78	ug/l	89
28) Bromochloromethane	4.976	49	16639	18.51	ug/l	85
29) Tetrahydrofuran	5.093	42	49261	91.83	ug/l	87
30) Chloroform	5.176	83	37353	18.81	ug/l	100
31) Cyclohexane	5.540	56	29476	16.99	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	32318	18.36	ug/l	97
36) 1,1-Dichloropropene	5.770	75	25700	17.75	ug/l	97
37) Ethyl Acetate	4.793	43	29881	17.81	ug/l #	94
38) Carbon Tetrachloride	5.752	117	27616	18.36	ug/l	98
39) Methylcyclohexane	7.441	83	29882	18.59	ug/l	97
40) Benzene	6.111	78	73781	18.49	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	17179	17.84	ug/l	88
42) 1,2-Dichloroethane	6.164	62	32134	18.66	ug/l	94
43) Isopropyl Acetate	6.411	43	49404	17.95	ug/l #	92
44) Trichloroethene	7.188	130	19308	18.21	ug/l	90
45) 1,2-Dichloropropane	7.488	63	20117	18.76	ug/l	99
46) Dibromomethane	7.635	93	14450	18.42	ug/l	94
47) Bromodichloromethane	7.876	83	28890	18.36	ug/l	98
48) Methyl methacrylate	7.747	41	26480	18.14	ug/l #	81
49) 1,4-Dioxane	7.717	88	9197	362.83	ug/l #	86
51) 4-Methyl-2-Pentanone	8.617	43	157005	98.06	ug/l	89
52) Toluene	8.764	92	47569	19.28	ug/l	100
53) t-1,3-Dichloropropene	9.023	75	28915	17.32	ug/l	100
54) cis-1,3-Dichloropropene	8.417	75	31267	17.54	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	19602	19.42	ug/l	96
56) Ethyl methacrylate	9.159	69	29705	18.30	ug/l #	73
57) 1,3-Dichloropropane	9.353	76	34112	19.42	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	80169	90.36	ug/l	96
59) 2-Hexanone	9.470	43	121336	101.26	ug/l	85
60) Dibromochloromethane	9.564	129	21604	18.79	ug/l	98
61) 1,2-Dibromoethane	9.653	107	21834	19.73	ug/l	97
64) Tetrachloroethene	9.317	164	18884	18.82	ug/l	95
65) Chlorobenzene	10.117	112	51317	18.58	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.206	131	19504	19.03	ug/l	99
67) Ethyl Benzene	10.235	91	93712	18.34	ug/l	100
68) m/p-Xylenes	10.341	106	69128	37.87	ug/l	96
69) o-Xylene	10.682	106	33814	19.06	ug/l	98
70) Styrene	10.694	104	56278	18.91	ug/l	95
71) Bromoform	10.841	173	15557	18.77	ug/l #	100
73) Isopropylbenzene	11.000	105	91433	18.56	ug/l	99
74) N-amyl acetate	10.876	43	43790	17.53	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	31703	19.39	ug/l	99
76) 1,2,3-Trichloropropane	11.276	75	30404m	19.77	ug/l	
77) Bromobenzene	11.235	156	22384	19.15	ug/l	97
78) n-propylbenzene	11.341	91	105553	18.33	ug/l	99
79) 2-Chlorotoluene	11.406	91	64988	18.58	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	79571	19.09	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	8442	14.90	ug/l #	74
82) 4-Chlorotoluene	11.494	91	75959	18.44	ug/l	97
83) tert-Butylbenzene	11.753	119	75289	18.98	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	80615	19.02	ug/l	96
85) sec-Butylbenzene	11.929	105	89190	19.07	ug/l	100
86) p-Isopropyltoluene	12.047	119	80919	18.88	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	40617	19.06	ug/l	97
88) 1,4-Dichlorobenzene	12.077	146	39648	18.19	ug/l	96
89) n-Butylbenzene	12.371	91	72383	18.54	ug/l	97
90) Hexachloroethane	12.577	117	12963	19.86	ug/l	91
91) 1,2-Dichlorobenzene	12.371	146	38685	18.61	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.983	75	7221	17.22	ug/l	83
93) 1,2,4-Trichlorobenzene	13.624	180	24590	18.00	ug/l	99
94) Hexachlorobutadiene	13.765	225	11307	19.72	ug/l	96
95) Naphthalene	13.812	128	86041	18.30	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	25755	18.93	ug/l	97

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

