

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021434.D
 Acq On : 24 Mar 2021 14:47
 Operator : JC/MD
 Sample : VX0324WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:49:57 AM

Quant Time: Mar 24 17:18:15 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	75973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	125243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61482	48.64	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.28%		
35) Dibromofluoromethane	5.458	113	42425	47.69	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.38%		
50) Toluene-d8	8.694	98	152867	48.22	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.44%		
62) 4-Bromofluorobenzene	11.118	95	61410	49.82	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	15564	18.64	ug/l	99
3) Chloromethane	1.311	50	18331	19.12	ug/l	97
4) Vinyl Chloride	1.393	62	15485	18.13	ug/l	99
5) Bromomethane	1.622	94	7072	20.57	ug/l	95
6) Chloroethane	1.705	64	9945	18.36	ug/l	97
7) Trichlorofluoromethane	1.911	101	25723	18.52	ug/l	98
8) Diethyl Ether	2.170	74	9132	18.94	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.358	101	14767	18.88	ug/l	97
10) Methyl Iodide	2.487	142	9610	20.29	ug/l #	89
11) Tert butyl alcohol	3.017	59	19909	95.27	ug/l	98
12) 1,1-Dichloroethene	2.352	96	13562	17.71	ug/l	86
13) Acrolein	2.276	56	9207	90.14	ug/l	97
14) Allyl chloride	2.705	41	28320	18.22	ug/l #	88
15) Acrylonitrile	3.117	53	47339	95.32	ug/l	98
16) Acetone	2.423	43	44319	92.73	ug/l	88
17) Carbon Disulfide	2.546	76	36704	17.07	ug/l	98
18) Methyl Acetate	2.746	43	27399	19.84	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	53866	18.84	ug/l	98
20) Methylene Chloride	2.829	84	16667	17.87	ug/l #	85
21) trans-1,2-Dichloroethene	3.140	96	14880	17.69	ug/l	92
22) Diisopropyl ether	3.823	45	56910	18.85	ug/l	95
23) Vinyl Acetate	3.782	43	240484	94.16	ug/l #	93
24) 1,1-Dichloroethane	3.664	63	30473	18.72	ug/l	97
25) 2-Butanone	4.629	43	68484	94.52	ug/l	90
26) 2,2-Dichloropropane	4.546	77	24794	17.58	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	17918	18.35	ug/l	89
28) Bromochloromethane	4.976	49	15253	18.72	ug/l	84
29) Tetrahydrofuran	5.088	42	44018	93.70	ug/l	86
30) Chloroform	5.176	83	32384	18.85	ug/l	98
31) Cyclohexane	5.541	56	25799	18.56	ug/l	90
32) 1,1,1-Trichloroethane	5.458	97	28307	18.59	ug/l	95
36) 1,1-Dichloropropene	5.764	75	22591	18.41	ug/l	96
37) Ethyl Acetate	4.793	43	25436	17.93	ug/l	95
38) Carbon Tetrachloride	5.747	117	24260	18.40	ug/l	97
39) Methylcyclohexane	7.441	83	25793	18.96	ug/l	92
40) Benzene	6.111	78	65959	18.93	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	15666	19.04	ug/l #	88
42) 1,2-Dichloroethane	6.158	62	29178	19.31	ug/l	94
43) Isopropyl Acetate	6.411	43	43406	18.84	ug/l #	91
44) Trichloroethene	7.188	130	17004	18.49	ug/l	95
45) 1,2-Dichloropropane	7.488	63	17701	18.75	ug/l	98
46) Dibromomethane	7.635	93	13083	19.02	ug/l	91
47) Bromodichloromethane	7.870	83	26611	19.00	ug/l	96
48) Methyl methacrylate	7.747	41	23268	18.93	ug/l #	81
49) 1,4-Dioxane	7.712	88	8947	406.62	ug/l #	88
51) 4-Methyl-2-Pentanone	8.617	43	138715	97.88	ug/l	88
52) Toluene	8.765	92	41269	19.17	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	26120	18.47	ug/l	96
54) cis-1,3-Dichloropropene	8.412	75	27863	18.52	ug/l #	81
55) 1,1,2-Trichloroethane	9.194	97	17592	19.37	ug/l	97
56) Ethyl methacrylate	9.159	69	26322	18.52	ug/l #	73
57) 1,3-Dichloropropane	9.353	76	29975	19.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	74556	97.11	ug/l	95
59) 2-Hexanone	9.471	43	104754	98.44	ug/l	86
60) Dibromochloromethane	9.565	129	19620	19.28	ug/l	100
61) 1,2-Dibromoethane	9.653	107	19074	19.55	ug/l	96
64) Tetrachloroethene	9.318	164	15169	18.96	ug/l	94
65) Chlorobenzene	10.118	112	44839	18.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	17147	18.65	ug/l	99
67) Ethyl Benzene	10.235	91	81213	18.57	ug/l	99
68) m/p-Xylenes	10.341	106	59124	37.95	ug/l	91
69) o-Xylene	10.682	106	28446	18.85	ug/l	90
70) Styrene	10.694	104	49694	19.15	ug/l	96
71) Bromoform	10.841	173	13688	18.32	ug/l #	98
73) Isopropylbenzene	11.000	105	78407	18.84	ug/l	99
74) N-amyl acetate	10.883	43	37575	18.66	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	28259	19.22	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	27482m	19.93	ug/l	
77) Bromobenzene	11.235	156	19741	19.13	ug/l	94
78) n-propylbenzene	11.341	91	92680	18.86	ug/l	97
79) 2-Chlorotoluene	11.400	91	55681	18.67	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	69710	19.60	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	8088	17.86	ug/l #	81
82) 4-Chlorotoluene	11.494	91	66992	18.92	ug/l	95
83) tert-Butylbenzene	11.753	119	64104	18.52	ug/l	90
84) 1,2,4-Trimethylbenzene	11.789	105	69630	19.43	ug/l	98
85) sec-Butylbenzene	11.930	105	78713	19.71	ug/l	97
86) p-Isopropyltoluene	12.047	119	69106	19.01	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	35729	19.23	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	34763	18.09	ug/l	97
89) n-Butylbenzene	12.371	91	62285	18.70	ug/l	96
90) Hexachloroethane	12.577	117	12022	18.32	ug/l	95
91) 1,2-Dichlorobenzene	12.371	146	34033	18.84	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6517	18.86	ug/l	78
93) 1,2,4-Trichlorobenzene	13.630	180	21295	17.99	ug/l	98
94) Hexachlorobutadiene	13.765	225	10122	18.94	ug/l	99
95) Naphthalene	13.818	128	70474	18.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	21456	18.13	ug/l	99

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

