

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021324.D
 Acq On : 20 Mar 2021 03:57
 Operator : JC/MD
 Sample : VX0321WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:36:12 AM

Quant Time: Mar 20 06:40:54 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	5.623	168	80536	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.823	114	133447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	65538	49.61	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.22%		
35) Dibromofluoromethane	5.458	113	46225	50.90	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.80%		
50) Toluene-d8	8.694	98	163721	49.69	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.38%		
62) 4-Bromofluorobenzene	11.118	95	61475	48.05	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.10%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	17480	18.17	ug/l	97
3) Chloromethane	1.311	50	21312	13.83	ug/l	96
4) Vinyl Chloride	1.393	62	17650	18.01	ug/l	99
5) Bromomethane	1.622	94	8894	20.78	ug/l	91
6) Chloroethane	1.705	64	11189	18.68	ug/l	99
7) Trichlorofluoromethane	1.911	101	28472	19.27	ug/l	97
8) Diethyl Ether	2.170	74	9532	18.34	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.364	101	15701	18.65	ug/l	97
10) Methyl Iodide	2.487	142	11174	15.21	ug/l #	88
11) Tert butyl alcohol	3.011	59	18360	82.73	ug/l	95
12) 1,1-Dichloroethene	2.352	96	15043	18.32	ug/l	84
13) Acrolein	2.270	56	14481	110.95	ug/l	97
14) Allyl chloride	2.705	41	29521	17.45	ug/l #	88
15) Acrylonitrile	3.111	53	46006	89.16	ug/l	97
16) Acetone	2.417	43	43126	88.73	ug/l #	87
17) Carbon Disulfide	2.546	76	41298	17.63	ug/l	100
18) Methyl Acetate	2.746	43	23872	17.92	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	57549	18.68	ug/l	98
20) Methylene Chloride	2.834	84	17475	17.48	ug/l #	83
21) trans-1,2-Dichloroethene	3.140	96	16232	17.71	ug/l	91
22) Diisopropyl ether	3.817	45	62090	19.10	ug/l	90
23) Vinyl Acetate	3.782	43	259968	91.66	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	32370	18.44	ug/l	97
25) 2-Butanone	4.629	43	66064	88.39	ug/l	91
26) 2,2-Dichloropropane	4.546	77	20711	13.52	ug/l	98
27) cis-1,2-Dichloroethene	4.558	96	19427	18.45	ug/l	94
28) Bromochloromethane	4.976	49	16467	19.91	ug/l	83
29) Tetrahydrofuran	5.088	42	43161	87.44	ug/l	86
30) Chloroform	5.170	83	34334	18.78	ug/l	97
31) Cyclohexane	5.541	56	28570	17.89	ug/l	92
32) 1,1,1-Trichloroethane	5.452	97	30310	18.71	ug/l	95
36) 1,1-Dichloropropene	5.758	75	24748	18.41	ug/l	96
37) Ethyl Acetate	4.788	43	26439	16.97	ug/l #	93
38) Carbon Tetrachloride	5.741	117	26887	19.26	ug/l	97
39) Methylcyclohexane	7.435	83	27431	18.38	ug/l #	88
40) Benzene	6.105	78	70900	19.13	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	15315	17.13	ug/l #	88
42) 1,2-Dichloroethane	6.152	62	30455	19.05	ug/l	94
43) Isopropyl Acetate	6.405	43	45219	17.70	ug/l #	90
44) Trichloroethene	7.182	130	18536	18.83	ug/l	98
45) 1,2-Dichloropropane	7.482	63	19390	19.48	ug/l	98
46) Dibromomethane	7.635	93	13589	18.65	ug/l	92
47) Bromodichloromethane	7.870	83	27792	19.02	ug/l	94
48) Methyl methacrylate	7.741	41	23697	17.49	ug/l #	81
49) 1,4-Dioxane	7.711	88	7949	336.95	ug/l #	85
51) 4-Methyl-2-Pentanone	8.617	43	135892	91.41	ug/l	87
52) Toluene	8.759	92	43036	18.78	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	26704	17.23	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	29137	17.60	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	17585	18.76	ug/l	98
56) Ethyl methacrylate	9.153	69	26883	17.83	ug/l #	72
57) 1,3-Dichloropropane	9.347	76	30724	18.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	73981	89.80	ug/l	95
59) 2-Hexanone	9.470	43	99932	89.81	ug/l	84
60) Dibromochloromethane	9.559	129	20380	19.09	ug/l	99
61) 1,2-Dibromoethane	9.653	107	18506	18.01	ug/l	99
64) Tetrachloroethene	9.318	164	16071	17.77	ug/l	93
65) Chlorobenzene	10.118	112	46078	18.51	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.200	131	17435	18.88	ug/l	99
67) Ethyl Benzene	10.229	91	83618	18.16	ug/l	99
68) m/p-Xylenes	10.341	106	60147	36.57	ug/l	91
69) o-Xylene	10.682	106	29331	18.35	ug/l	95
70) Styrene	10.694	104	48748	18.18	ug/l	95
71) Bromoform	10.841	173	13409	17.96	ug/l #	95
73) Isopropylbenzene	11.000	105	81247	18.97	ug/l	98
74) N-amyl acetate	10.877	43	37429	17.23	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	26685	18.77	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	25277m	18.90	ug/l	
77) Bromobenzene	11.235	156	19102	18.80	ug/l	95
78) n-propylbenzene	11.341	91	93182	18.61	ug/l	99
79) 2-Chlorotoluene	11.400	91	56351	18.53	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	68902	19.02	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	6995	14.20	ug/l #	82
82) 4-Chlorotoluene	11.494	91	67177	18.76	ug/l	96
83) tert-Butylbenzene	11.753	119	63779	18.49	ug/l	91
84) 1,2,4-Trimethylbenzene	11.788	105	68263	18.53	ug/l	99
85) sec-Butylbenzene	11.930	105	75392	18.55	ug/l	99
86) p-Isopropyltoluene	12.047	119	70059	18.81	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	34173	18.44	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	34718	18.32	ug/l	97
89) n-Butylbenzene	12.371	91	62103	18.29	ug/l	95
90) Hexachloroethane	12.577	117	12049	21.24	ug/l	89
91) 1,2-Dichlorobenzene	12.377	146	33984	18.81	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6303	17.29	ug/l	78
93) 1,2,4-Trichlorobenzene	13.630	180	21233	17.87	ug/l	97
94) Hexachlorobutadiene	13.765	225	9294	18.64	ug/l	99
95) Naphthalene	13.818	128	71108	17.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	22009	18.60	ug/l	97

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

