

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021452.D
 Acq On : 24 Mar 2021 22:40
 Operator : JC/MD
 Sample : VX0324WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:50:39 AM

Quant Time: Mar 25 02:57:46 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	76291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	128087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	121722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	57140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62767	49.45	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.90%		
35) Dibromofluoromethane	5.464	113	43253	47.54	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.08%		
50) Toluene-d8	8.694	98	158582	48.91	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.82%		
62) 4-Bromofluorobenzene	11.118	95	61874	49.09	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.18%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	15538	18.53	ug/l	100
3) Chloromethane	1.310	50	19651	20.41	ug/l	98
4) Vinyl Chloride	1.393	62	16270	18.97	ug/l	96
5) Bromomethane	1.622	94	7583	21.97	ug/l	100
6) Chloroethane	1.705	64	10266	18.87	ug/l	99
7) Trichlorofluoromethane	1.910	101	26894	19.28	ug/l	92
8) Diethyl Ether	2.169	74	9066	18.73	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.363	101	14432	18.38	ug/l	96
10) Methyl Iodide	2.487	142	10774	21.88	ug/l #	86
11) Tert butyl alcohol	3.017	59	19487	92.86	ug/l	95
12) 1,1-Dichloroethene	2.352	96	13877	18.05	ug/l	90
13) Acrolein	2.275	56	8602	84.16	ug/l	90
14) Allyl chloride	2.705	41	28173	18.05	ug/l #	87
15) Acrylonitrile	3.117	53	47242	94.73	ug/l	97
16) Acetone	2.422	43	44959	93.67	ug/l	90
17) Carbon Disulfide	2.546	76	36854	17.07	ug/l	99
18) Methyl Acetate	2.752	43	28006	20.20	ug/l #	89
19) Methyl tert-butyl Ether	3.169	73	54011	18.81	ug/l	97
20) Methylene Chloride	2.834	84	16813	17.95	ug/l #	84
21) trans-1,2-Dichloroethene	3.140	96	15324	18.15	ug/l	86
22) Diisopropyl ether	3.828	45	56918	18.77	ug/l	91
23) Vinyl Acetate	3.787	43	238358	92.94	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	30627	18.74	ug/l	98
25) 2-Butanone	4.628	43	68714	94.44	ug/l #	87
26) 2,2-Dichloropropane	4.546	77	21069	14.88	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	18127	18.48	ug/l	91
28) Bromochloromethane	4.976	49	15265	18.65	ug/l	84
29) Tetrahydrofuran	5.093	42	43947	93.16	ug/l	87
30) Chloroform	5.176	83	33120	19.20	ug/l	99
31) Cyclohexane	5.546	56	25962	18.60	ug/l	90
32) 1,1,1-Trichloroethane	5.464	97	28357	18.55	ug/l	95
36) 1,1-Dichloropropene	5.770	75	22834	18.19	ug/l	96
37) Ethyl Acetate	4.793	43	26923	18.55	ug/l #	92
38) Carbon Tetrachloride	5.752	117	24462	18.14	ug/l	95
39) Methylcyclohexane	7.435	83	24510	17.62	ug/l	95
40) Benzene	6.111	78	67304	18.89	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	15564	18.49	ug/l	88
42) 1,2-Dichloroethane	6.164	62	29099	18.83	ug/l	93
43) Isopropyl Acetate	6.411	43	43199	18.33	ug/l #	91
44) Trichloroethene	7.188	130	17215	18.30	ug/l	99
45) 1,2-Dichloropropane	7.488	63	18061	18.71	ug/l	99
46) Dibromomethane	7.635	93	13015	18.50	ug/l	92
47) Bromodichloromethane	7.876	83	26701	18.65	ug/l	96
48) Methyl methacrylate	7.747	41	23494	18.69	ug/l #	82
49) 1,4-Dioxane	7.717	88	8462	376.04	ug/l #	86
51) 4-Methyl-2-Pentanone	8.617	43	140822	97.16	ug/l	87
52) Toluene	8.764	92	41176	18.71	ug/l	97
53) t-1,3-Dichloropropene	9.023	75	25484	17.62	ug/l	99
54) cis-1,3-Dichloropropene	8.411	75	27493	17.87	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	18082	19.46	ug/l	95
56) Ethyl methacrylate	9.158	69	25855	17.87	ug/l #	73
57) 1,3-Dichloropropane	9.353	76	30056	18.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	74226	94.53	ug/l	96
59) 2-Hexanone	9.470	43	106313	97.69	ug/l	85
60) Dibromochloromethane	9.564	129	19904	19.13	ug/l	99
61) 1,2-Dibromoethane	9.653	107	18822	18.86	ug/l	98
64) Tetrachloroethene	9.317	164	15065	18.48	ug/l	91
65) Chlorobenzene	10.123	112	44551	18.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	17551	18.73	ug/l	98
67) Ethyl Benzene	10.235	91	80413	18.04	ug/l	99
68) m/p-Xylenes	10.341	106	59082	37.21	ug/l	93
69) o-Xylene	10.682	106	28392	18.46	ug/l	93
70) Styrene	10.694	104	48575	18.36	ug/l	95
71) Bromoform	10.841	173	13720	18.02	ug/l #	97
73) Isopropylbenzene	11.000	105	77672	19.35	ug/l	99
74) N-amyl acetate	10.882	43	37032	19.06	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	27484	19.37	ug/l	98
76) 1,2,3-Trichloropropane	11.276	75	26636m	20.02	ug/l	
77) Bromobenzene	11.241	156	19142	19.23	ug/l	94
78) n-propylbenzene	11.341	91	91683	19.34	ug/l	97
79) 2-Chlorotoluene	11.406	91	55758	19.39	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	66518	19.39	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	7342	16.81	ug/l #	79
82) 4-Chlorotoluene	11.494	91	64835	18.99	ug/l	97
83) tert-Butylbenzene	11.753	119	62967	18.86	ug/l	90
84) 1,2,4-Trimethylbenzene	11.788	105	67494	19.52	ug/l	97
85) sec-Butylbenzene	11.929	105	76169	19.77	ug/l	98
86) p-Isopropyltoluene	12.047	119	67111	19.14	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	32967	18.39	ug/l	97
88) 1,4-Dichlorobenzene	12.082	146	33336	17.98	ug/l	94
89) n-Butylbenzene	12.371	91	58723	18.28	ug/l	95
90) Hexachloroethane	12.577	117	11693	18.48	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	33566	19.26	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6353	19.04	ug/l	78
93) 1,2,4-Trichlorobenzene	13.630	180	20172	17.66	ug/l	97
94) Hexachlorobutadiene	13.765	225	8651	16.78	ug/l	97
95) Naphthalene	13.818	128	67643	18.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	20252	17.74	ug/l	98

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

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