

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050721\
 Data File : VX021874.D
 Acq On : 07 May 2021 14:45
 Operator : JC/MD
 Sample : VX0507WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:22:55 PM

Quant Time: May 08 06:20:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	84586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	163265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69621	50.01	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.02%	
35) Dibromofluoromethane	5.391	113	55865	49.93	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.86%	
50) Toluene-d8	8.653	98	207102	48.50	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.00%	
62) 4-Bromofluorobenzene	11.085	95	79220	47.01	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.02%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	20984	18.84	ug/l	95
3) Chloromethane	1.294	50	23709	17.73	ug/l	97
4) Vinyl Chloride	1.374	62	28028	18.15	ug/l	100
5) Bromomethane	1.599	94	12512	22.20	ug/l	93
6) Chloroethane	1.685	64	15936	19.84	ug/l	98
7) Trichlorofluoromethane	1.886	101	38961	18.30	ug/l	99
8) Diethyl Ether	2.136	74	16643	18.63	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	19883	18.37	ug/l	91
10) Methyl Iodide	2.453	142	23274	18.09	ug/l	97
11) Tert butyl alcohol	2.977	59	36140	97.30	ug/l	96
12) 1,1-Dichloroethene	2.319	96	20288	17.69	ug/l	86
13) Acrolein	2.245	56	13679	82.09	ug/l	94
14) Allyl chloride	2.666	41	37588	17.89	ug/l	98
15) Acrylonitrile	3.075	53	67099	96.14	ug/l	100
16) Acetone	2.386	43	59794	95.77	ug/l	98
17) Carbon Disulfide	2.514	76	57030	17.88	ug/l	100
18) Methyl Acetate	2.709	43	33089	19.11	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	69947	19.02	ug/l	100
20) Methylene Chloride	2.794	84	24452	19.08	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	21920	17.91	ug/l	97
22) Diisopropyl ether	3.776	45	71262	18.21	ug/l	# 91
23) Vinyl Acetate	3.733	43	355555	92.33	ug/l	97
24) 1,1-Dichloroethane	3.617	63	41618	18.50	ug/l	98
25) 2-Butanone	4.574	43	104691	97.44	ug/l	91
26) 2,2-Dichloropropane	4.489	77	34565	17.17	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	26248	18.17	ug/l	96
28) Bromochloromethane	4.910	49	20340	19.79	ug/l	85
29) Tetrahydrofuran	5.025	42	61377	96.14	ug/l	92
30) Chloroform	5.105	83	42596	18.57	ug/l	98
31) Cyclohexane	5.483	56	32453	17.65	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	36430	18.09	ug/l	99
36) 1,1-Dichloropropene	5.696	75	30855	17.83	ug/l	98
37) Ethyl Acetate	4.733	43	40713	19.47	ug/l	97
38) Carbon Tetrachloride	5.690	117	31526	18.22	ug/l	99
39) Methylcyclohexane	7.385	83	34187	17.60	ug/l	89
40) Benzene	6.050	78	93922	18.02	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	21199	18.78	ug/l	95
42) 1,2-Dichloroethane	6.092	62	33407	18.71	ug/l	98
43) Isopropyl Acetate	6.354	43	66276	18.74	ug/l	96
44) Trichloroethene	7.135	130	23271	18.38	ug/l	93
45) 1,2-Dichloropropane	7.434	63	24073	17.64	ug/l	97
46) Dibromomethane	7.586	93	16919	18.32	ug/l	89
47) Bromodichloromethane	7.830	83	34980	18.79	ug/l	99
48) Methyl methacrylate	7.696	41	30015	18.45	ug/l	93
49) 1,4-Dioxane	7.665	88	13526	395.15	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	203511	92.42	ug/l	94
52) Toluene	8.720	92	59257	17.81	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	40559	18.69	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	40792	17.95	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	25480	19.16	ug/l	98
56) Ethyl methacrylate	9.122	69	41738	17.87	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	43298	19.04	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.250	63	108434	94.78	ug/l	98
59) 2-Hexanone	9.433	43	156952	92.53	ug/l	92
60) Dibromochloromethane	9.525	129	25683	17.92	ug/l	99
61) 1,2-Dibromoethane	9.616	107	25957	18.72	ug/l	97
64) Tetrachloroethene	9.275	164	16730	17.94	ug/l #	87
65) Chlorobenzene	10.085	112	61784	18.39	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22168	17.97	ug/l	96
67) Ethyl Benzene	10.195	91	111152	17.95	ug/l	98
68) m/p-Xylenes	10.305	106	85580	36.16	ug/l	98
69) o-Xylene	10.646	106	42628	18.05	ug/l	96
70) Styrene	10.659	104	70263	17.90	ug/l	98
71) Bromoform	10.799	173	17239	18.37	ug/l #	100
73) Isopropylbenzene	10.963	105	109142	18.31	ug/l	99
74) N-amyl acetate	10.848	43	56572	17.71	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	39776	17.99	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	36323m	19.38	ug/l	
77) Bromobenzene	11.201	156	23966	18.67	ug/l	89
78) n-propylbenzene	11.305	91	126852	17.96	ug/l	99
79) 2-Chlorotoluene	11.366	91	75918	17.74	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	93339	18.22	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	15177	18.78	ug/l	96
82) 4-Chlorotoluene	11.457	91	87685	17.71	ug/l	98
83) tert-Butylbenzene	11.719	119	89939	18.11	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	92823	18.07	ug/l	99
85) sec-Butylbenzene	11.896	105	107801	17.68	ug/l	100
86) p-Isopropyltoluene	12.012	119	93789	18.05	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	44043	18.15	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	45641	18.19	ug/l	96
89) n-Butylbenzene	12.335	91	84235	17.58	ug/l	98
90) Hexachloroethane	12.542	117	16218	17.27	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	43513	18.17	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9722	19.88	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	26589	18.44	ug/l	97
94) Hexachlorobutadiene	13.731	225	10256	18.23	ug/l	96
95) Naphthalene	13.780	128	113130	19.14	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	27358	18.72	ug/l	97

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

