

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023193.D
 Acq On : 08 Jul 2021 12:41
 Operator : JC/MD
 Sample : VX0708WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:42:20 PM

Quant Time: Jul 09 02:08:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	264548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	427342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	386392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	177975	50.056	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.120%	
35) Dibromofluoromethane	5.397	113	132359	47.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.920%	
50) Toluene-d8	8.653	98	486912	47.301	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.600%	
62) 4-Bromofluorobenzene	11.085	95	186917	47.035	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.060%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	47250	19.712	ug/l	97
3) Chloromethane	1.301	50	43348	18.278	ug/l	99
4) Vinyl Chloride	1.374	62	47416	18.873	ug/l	95
5) Bromomethane	1.605	94	29976	20.185	ug/l	97
6) Chloroethane	1.685	64	30635	18.648	ug/l	98
7) Trichlorofluoromethane	1.886	101	80462	18.429	ug/l	94
8) Diethyl Ether	2.142	74	29704	18.433	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	48315	18.909	ug/l	95
10) Methyl Iodide	2.459	142	53797	17.147	ug/l	93
11) Tert butyl alcohol	2.977	59	66046	88.298	ug/l	99
12) 1,1-Dichloroethene	2.319	96	44895	19.038	ug/l	90
13) Acrolein	2.239	56	35177	70.624	ug/l	94
14) Allyl chloride	2.672	41	77801	18.986	ug/l	91
15) Acrylonitrile	3.075	53	138131	94.972	ug/l	98
16) Acetone	2.386	43	126133	89.668	ug/l	91
17) Carbon Disulfide	2.514	76	87108	17.514	ug/l	97
18) Methyl Acetate	2.715	43	64289	18.828	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	174078	19.737	ug/l	100
20) Methylene Chloride	2.794	84	54256	17.915	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	47219	18.540	ug/l	92
22) Diisopropyl ether	3.776	45	166753	19.302	ug/l	93
23) Vinyl Acetate	3.733	43	704802	96.392	ug/l	97
24) 1,1-Dichloroethane	3.617	63	93703	19.196	ug/l	97
25) 2-Butanone	4.568	43	194967	91.914	ug/l	90
26) 2,2-Dichloropropane	4.483	77	82158	20.053	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	57571	18.662	ug/l	95
28) Bromochloromethane	4.904	49	42235	18.238	ug/l	96
29) Tetrahydrofuran	5.019	42	124349	91.196	ug/l	92
30) Chloroform	5.105	83	101087	19.171	ug/l	100
31) Cyclohexane	5.477	56	76758	18.030	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	90643	19.738	ug/l	99
36) 1,1-Dichloropropene	5.702	75	69019	18.117	ug/l	100
37) Ethyl Acetate	4.727	43	76412	18.386	ug/l	96
38) Carbon Tetrachloride	5.684	117	76987	19.360	ug/l	97
39) Methylcyclohexane	7.385	83	80486	18.064	ug/l	95
40) Benzene	6.050	78	204190	18.461	ug/l	98

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41) Methacrylonitrile	4.934	41	42789	18.417	ug/l	92
42) 1,2-Dichloroethane	6.098	62	85193	19.168	ug/l	95
43) Isopropyl Acetate	6.354	43	125852	18.206	ug/l	94
44) Trichloroethene	7.135	130	57541	18.339	ug/l	99
45) 1,2-Dichloropropane	7.434	63	53988	18.698	ug/l	95
46) Dibromomethane	7.586	93	38326	18.586	ug/l	97
47) Bromodichloromethane	7.830	83	70576	18.746	ug/l	98
48) Methyl methacrylate	7.702	41	61213	18.047	ug/l	88
49) 1,4-Dioxane	7.665	88	26593	348.353	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	394426	92.080	ug/l	92
52) Toluene	8.720	92	131211	18.330	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	77985	18.225	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	83084	18.211	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	57236	19.041	ug/l	97
56) Ethyl methacrylate	9.122	69	85576	18.424	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	92050	18.527	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	217420	89.082	ug/l	99
59) 2-Hexanone	9.433	43	299983	91.274	ug/l	89
60) Dibromochloromethane	9.525	129	52921	17.898	ug/l	98
61) 1,2-Dibromoethane	9.616	107	58299	18.897	ug/l	99
64) Tetrachloroethene	9.275	164	58450	18.966	ug/l	93
65) Chlorobenzene	10.086	112	145270	19.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	54925	19.888	ug/l	99
67) Ethyl Benzene	10.195	91	259708	19.234	ug/l	99
68) m/p-Xylenes	10.305	106	198151	38.438	ug/l	99
69) o-Xylene	10.646	106	98571	18.973	ug/l	99
70) Styrene	10.659	104	161944	19.082	ug/l	98
71) Bromoform	10.805	173	36068	18.174	ug/l #	99
73) Isopropylbenzene	10.963	105	261032	19.977	ug/l	99
74) N-amyl acetate	10.848	43	104194	18.792	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	81753	19.693	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	76116m	20.393	ug/l	
77) Bromobenzene	11.201	156	62381	19.121	ug/l	99
78) n-propylbenzene	11.305	91	293217	19.406	ug/l	99
79) 2-Chlorotoluene	11.366	91	181803	19.468	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	220827	19.628	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	23097	20.401	ug/l #	85
82) 4-Chlorotoluene	11.457	91	209551	19.871	ug/l	98
83) tert-Butylbenzene	11.719	119	214995	20.133	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	220172	19.803	ug/l	99
85) sec-Butylbenzene	11.896	105	273070	19.873	ug/l	100
86) p-Isopropyltoluene	12.012	119	224964	19.517	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	115965	18.929	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	116387	18.868	ug/l	96
89) n-Butylbenzene	12.335	91	190699	18.887	ug/l	98
90) Hexachloroethane	12.542	117	32988	18.724	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	116281	19.080	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17975	19.313	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	70894	18.885	ug/l	98
94) Hexachlorobutadiene	13.731	225	31474	19.801	ug/l	99
95) Naphthalene	13.780	128	242560	18.346	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	72119	19.101	ug/l	98

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

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