

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024077.D
 Acq On : 02 Sep 2021 17:58
 Operator : JC/MD
 Sample : VX0902WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:36:38 PM

Quant Time: Sep 03 05:40:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	155490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247604	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110103	50.735	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.480%
35) Dibromofluoromethane	5.397	113	83013	50.654	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	8.653	98	295615	47.393	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.780%
62) 4-Bromofluorobenzene	11.085	95	113954	49.628	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.260%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	25646	15.633	ug/l	99
3) Chloromethane	1.294	50	26858	14.914	ug/l	96
4) Vinyl Chloride	1.374	62	26877	15.302	ug/l	99
5) Bromomethane	1.599	94	20054	18.160	ug/l	99
6) Chloroethane	1.685	64	18092	14.384	ug/l	98
7) Trichlorofluoromethane	1.886	101	47285	17.048	ug/l	97
8) Diethyl Ether	2.142	74	16793	17.337	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	26867	17.214	ug/l	94
10) Methyl Iodide	2.453	142	33142	15.250	ug/l	92
11) Tert butyl alcohol	2.983	59	39577	90.179	ug/l	98
12) 1,1-Dichloroethene	2.319	96	25235	16.911	ug/l	91
13) Acrolein	2.245	56	25678	98.320	ug/l	95
14) Allyl chloride	2.666	41	45282	16.466	ug/l	88
15) Acrylonitrile	3.075	53	83152	85.035	ug/l	98
16) Acetone	2.392	43	79955	82.400	ug/l	89
17) Carbon Disulfide	2.514	76	53131	14.928	ug/l	97
18) Methyl Acetate	2.715	43	41988	17.334	ug/l	91
19) Methyl tert-butyl Ether	3.129	73	93673	18.036	ug/l	94
20) Methylene Chloride	2.794	84	31115	16.787	ug/l	87
21) trans-1,2-Dichloroethene	3.099	96	27229	17.083	ug/l	93
22) Diisopropyl ether	3.776	45	93936	17.150	ug/l	96
23) Vinyl Acetate	3.733	43	383355	86.521	ug/l	95
24) 1,1-Dichloroethane	3.617	63	53701	17.617	ug/l	97
25) 2-Butanone	4.574	43	124404	84.645	ug/l	91
26) 2,2-Dichloropropane	4.483	77	43761	17.491	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	32709	17.246	ug/l	94
28) Bromochloromethane	4.910	49	22314	16.099	ug/l	98
29) Tetrahydrofuran	5.019	42	79599	83.614	ug/l	91
30) Chloroform	5.105	83	57781	17.902	ug/l	99
31) Cyclohexane	5.477	56	44944	16.120	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	50506	18.274	ug/l	97
36) 1,1-Dichloropropene	5.702	75	39477	17.216	ug/l	99
37) Ethyl Acetate	4.733	43	47836	16.971	ug/l	# 94
38) Carbon Tetrachloride	5.690	117	44067	18.430	ug/l	99
39) Methylcyclohexane	7.385	83	46268	16.572	ug/l	96
40) Benzene	6.050	78	116289	17.151	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26206	17.151	ug/l	92
42) 1,2-Dichloroethane	6.098	62	49887	18.721	ug/l	83
43) Isopropyl Acetate	6.348	43	76422	17.334	ug/l	93
44) Trichloroethene	7.129	130	32457	17.329	ug/l	95
45) 1,2-Dichloropropane	7.434	63	31108	17.278	ug/l	94
46) Dibromomethane	7.586	93	22556	18.002	ug/l	99
47) Bromodichloromethane	7.830	83	41176	18.166	ug/l	99
48) Methyl methacrylate	7.702	41	37625	17.494	ug/l #	83
49) 1,4-Dioxane	7.665	88	15922	350.281	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	252657	88.654	ug/l	89
52) Toluene	8.720	92	77754	17.697	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	44529	16.696	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	47054	17.132	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	31893	17.632	ug/l	98
56) Ethyl methacrylate	9.122	69	47925	16.030	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	53307	17.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	139042	95.461	ug/l	97
59) 2-Hexanone	9.433	43	200650	91.593	ug/l	85
60) Dibromochloromethane	9.525	129	31497	16.922	ug/l	99
61) 1,2-Dibromoethane	9.616	107	33340	17.448	ug/l	99
64) Tetrachloroethene	9.275	164	32549	17.408	ug/l	96
65) Chlorobenzene	10.079	112	85259	17.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	31720	18.244	ug/l	98
67) Ethyl Benzene	10.195	91	147973	17.346	ug/l	99
68) m/p-Xylenes	10.305	106	113109	34.811	ug/l	99
69) o-Xylene	10.646	106	55956	17.524	ug/l	99
70) Styrene	10.659	104	91478	17.585	ug/l	96
71) Bromoform	10.805	173	22934	17.537	ug/l #	97
73) Isopropylbenzene	10.963	105	148872	17.137	ug/l	99
74) N-amyl acetate	10.848	43	66938	17.050	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	51200	17.984	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	47116m	17.734	ug/l	
77) Bromobenzene	11.201	156	38014	17.766	ug/l	94
78) n-propylbenzene	11.305	91	168655	16.974	ug/l	99
79) 2-Chlorotoluene	11.366	91	105970	17.645	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	124923	17.499	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	14152	15.669	ug/l #	83
82) 4-Chlorotoluene	11.457	91	118731	17.418	ug/l	99
83) tert-Butylbenzene	11.719	119	121605	17.539	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	124561	17.499	ug/l	99
85) sec-Butylbenzene	11.896	105	154029	17.547	ug/l	99
86) p-Isopropyltoluene	12.012	119	128624	17.803	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	66652	17.218	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	67079	17.374	ug/l	97
89) n-Butylbenzene	12.335	91	109827	17.025	ug/l	96
90) Hexachloroethane	12.542	117	19036	16.138	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	66232	17.660	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10331	16.969	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	37768	16.733	ug/l	98
94) Hexachlorobutadiene	13.725	225	18666	18.554	ug/l	99
95) Naphthalene	13.780	128	126265	16.050	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38419	17.091	ug/l	99

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

