

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022758.D
 Acq On : 18 Jun 2021 11:17
 Operator : JC/MD
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2021 10:57:24 AM

Quant Time: Jun 19 01:41:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	65971	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	130567	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55358	46.658	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.320%
35) Dibromofluoromethane	5.391	113	40650	48.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	8.653	98	156740	47.730	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.460%
62) 4-Bromofluorobenzene	11.085	95	56945	45.850	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	13420	17.335	ug/l	97
3) Chloromethane	1.294	50	14400	15.393	ug/l	97
4) Vinyl Chloride	1.374	62	14764	16.062	ug/l	96
5) Bromomethane	1.605	94	8176	16.351	ug/l	89
6) Chloroethane	1.685	64	9331	16.765	ug/l	95
7) Trichlorofluoromethane	1.886	101	23733	17.930	ug/l	98
8) Diethyl Ether	2.136	74	9316	17.422	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	14792	18.318	ug/l	91
10) Methyl Iodide	2.453	142	11847	13.085	ug/l	93
11) Tert butyl alcohol	2.977	59	20894	76.057	ug/l	98
12) 1,1-Dichloroethene	2.319	96	13874	17.322	ug/l	83
13) Acrolein	2.239	56	10278	89.279	ug/l	100
14) Allyl chloride	2.666	41	26903	17.374	ug/l	93
15) Acrylonitrile	3.075	53	47996	88.957	ug/l	99
16) Acetone	2.386	43	45042	84.781	ug/l	96
17) Carbon Disulfide	2.514	76	26161	14.515	ug/l	99
18) Methyl Acetate	2.709	43	27567	17.238	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	49560	17.833	ug/l	96
20) Methylene Chloride	2.794	84	18172	17.534	ug/l	# 83
21) trans-1,2-Dichloroethene	3.093	96	15404	17.357	ug/l	93
22) Diisopropyl ether	3.769	45	54704	17.851	ug/l	# 96
23) Vinyl Acetate	3.727	43	246404	87.251	ug/l	95
24) 1,1-Dichloroethane	3.611	63	31609	17.775	ug/l	98
25) 2-Butanone	4.568	43	74171	86.083	ug/l	95
26) 2,2-Dichloropropane	4.477	77	24551	18.103	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	18985	17.557	ug/l	95
28) Bromochloromethane	4.897	49	16305	18.962	ug/l	# 77
29) Tetrahydrofuran	5.019	42	43025	85.762	ug/l	87
30) Chloroform	5.099	83	31925	18.011	ug/l	95
31) Cyclohexane	5.476	56	24346	17.009	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	25639	17.638	ug/l	95
36) 1,1-Dichloropropene	5.702	75	22345	17.176	ug/l	97
37) Ethyl Acetate	4.721	43	27799	16.812	ug/l	# 93
38) Carbon Tetrachloride	5.690	117	20635	18.543	ug/l	93
39) Methylcyclohexane	7.385	83	23991	17.678	ug/l	95
40) Benzene	6.037	78	71357	18.436	ug/l	98

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41) Methacrylonitrile	4.928	41	15630	17.639	ug/l	93
42) 1,2-Dichloroethane	6.092	62	26837	18.851	ug/l	96
43) Isopropyl Acetate	6.348	43	46171	17.681	ug/l	93
44) Trichloroethene	7.135	130	16312	17.953	ug/l	91
45) 1,2-Dichloropropane	7.433	63	18778	17.982	ug/l	99
46) Dibromomethane	7.586	93	12380	18.475	ug/l #	81
47) Bromodichloromethane	7.824	83	22168	18.030	ug/l #	98
48) Methyl methacrylate	7.696	41	21583	17.217	ug/l	87
49) 1,4-Dioxane	7.665	88	8348	349.887	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	151223	91.232	ug/l	90
52) Toluene	8.720	92	43298	17.974	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	23668	16.881	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	27055	17.273	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	17340	17.592	ug/l	96
56) Ethyl methacrylate	9.122	69	28131	17.348	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	32093	18.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	77866	87.631	ug/l	94
59) 2-Hexanone	9.433	43	113463	89.593	ug/l	88
60) Dibromochloromethane	9.525	129	14348	17.050	ug/l	100
61) 1,2-Dibromoethane	9.610	107	18068	18.366	ug/l	98
64) Tetrachloroethene	9.275	164	15178	20.049	ug/l	91
65) Chlorobenzene	10.079	112	44579	17.868	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	15251	18.091	ug/l	97
67) Ethyl Benzene	10.195	91	83444	18.168	ug/l	97
68) m/p-Xylenes	10.305	106	61479	36.954	ug/l	96
69) o-Xylene	10.646	106	28640	17.768	ug/l	90
70) Styrene	10.659	104	49614	17.636	ug/l	97
71) Bromoform	10.805	173	7816	16.688	ug/l #	100
73) Isopropylbenzene	10.963	105	80427	19.050	ug/l	99
74) N-amyl acetate	10.847	43	39065	17.206	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	27872	18.561	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	25256m	18.526	ug/l	
77) Bromobenzene	11.201	156	16313	18.088	ug/l	83
78) n-propylbenzene	11.305	91	96018	18.829	ug/l	97
79) 2-Chlorotoluene	11.366	91	56541	18.324	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	67468	19.185	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	7000	17.695	ug/l #	82
82) 4-Chlorotoluene	11.457	91	65884	18.658	ug/l	95
83) tert-Butylbenzene	11.719	119	60416	18.292	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	66868	18.746	ug/l	98
85) sec-Butylbenzene	11.896	105	80717	18.710	ug/l	99
86) p-Isopropyltoluene	12.012	119	66837	18.767	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	31796	18.574	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	32527	18.459	ug/l	95
89) n-Butylbenzene	12.335	91	62142	18.225	ug/l	98
90) Hexachloroethane	12.542	117	8920	17.635	ug/l	67
91) 1,2-Dichlorobenzene	12.335	146	31782	19.054	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5200	17.464	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	17426	17.414	ug/l	93
94) Hexachlorobutadiene	13.731	225	6730	18.754	ug/l	97
95) Naphthalene	13.780	128	70036	17.029	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18543	19.008	ug/l	95

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

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