

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022785.D
 Acq On : 21 Jun 2021 11:29
 Operator : JC/MD
 Sample : VX0621WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 9:09:26 AM

Quant Time: Jun 22 01:10:26 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	65256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	126569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56388	48.047	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.100%
35) Dibromofluoromethane	5.397	113	40224	49.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	8.653	98	154718	48.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.085	95	58110	48.266	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	13015	16.996	ug/l	100
3) Chloromethane	1.294	50	14517	15.689	ug/l	98
4) Vinyl Chloride	1.374	62	14665	16.129	ug/l	98
5) Bromomethane	1.599	94	8455	17.095	ug/l	100
6) Chloroethane	1.684	64	9423	17.116	ug/l	99
7) Trichlorofluoromethane	1.886	101	22799	17.413	ug/l	93
8) Diethyl Ether	2.136	74	10217	19.316	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	15170	18.992	ug/l	90
10) Methyl Iodide	2.459	142	13482	15.054	ug/l	94
11) Tert butyl alcohol	2.971	59	23328	85.848	ug/l	96
12) 1,1-Dichloroethene	2.325	96	13615	17.185	ug/l	98
13) Acrolein	2.239	56	11487	100.874	ug/l	98
14) Allyl chloride	2.666	41	27768	18.129	ug/l #	94
15) Acrylonitrile	3.068	53	52240	97.884	ug/l	99
16) Acetone	2.386	43	48669	92.612	ug/l	92
17) Carbon Disulfide	2.514	76	26741	15.000	ug/l	98
18) Methyl Acetate	2.709	43	29779	18.825	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	53236	19.366	ug/l	99
20) Methylene Chloride	2.794	84	18767	18.319	ug/l #	85
21) trans-1,2-Dichloroethene	3.099	96	15747	17.938	ug/l	96
22) Diisopropyl ether	3.769	45	57409	18.939	ug/l	96
23) Vinyl Acetate	3.727	43	267063	95.603	ug/l	95
24) 1,1-Dichloroethane	3.617	63	32525	18.491	ug/l	96
25) 2-Butanone	4.568	43	79750	93.572	ug/l	92
26) 2,2-Dichloropropane	4.483	77	25173	18.765	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	19490	18.221	ug/l	97
28) Bromochloromethane	4.903	49	16233	19.085	ug/l #	76
29) Tetrahydrofuran	5.019	42	47345	95.407	ug/l	87
30) Chloroform	5.098	83	33133	18.897	ug/l	95
31) Cyclohexane	5.476	56	23867	16.857	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	26173	18.174	ug/l	96
36) 1,1-Dichloropropene	5.696	75	22528	17.864	ug/l	97
37) Ethyl Acetate	4.721	43	30723	19.168	ug/l #	92
38) Carbon Tetrachloride	5.684	117	21090	19.550	ug/l	95
39) Methylcyclohexane	7.385	83	24016	18.255	ug/l	98
40) Benzene	6.043	78	72428	19.304	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17029	19.825	ug/l	90
42) 1,2-Dichloroethane	6.098	62	27623	20.016	ug/l	97
43) Isopropyl Acetate	6.348	43	50701	20.030	ug/l #	91
44) Trichloroethene	7.135	130	16288	18.493	ug/l	96
45) 1,2-Dichloropropane	7.433	63	19495	19.258	ug/l	95
46) Dibromomethane	7.586	93	12553	19.263	ug/l #	84
47) Bromodichloromethane	7.824	83	23112	19.189	ug/l #	95
48) Methyl methacrylate	7.696	41	23747	19.542	ug/l	86
49) 1,4-Dioxane	7.665	88	9349	404.219	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	164704	102.504	ug/l	89
52) Toluene	8.720	92	44713	19.148	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	25743	18.543	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	28828	18.739	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	18922	19.804	ug/l	97
56) Ethyl methacrylate	9.122	69	29657	18.666	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	34253	20.613	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	87023	101.030	ug/l	94
59) 2-Hexanone	9.433	43	124125	101.107	ug/l	87
60) Dibromochloromethane	9.525	129	15930	19.067	ug/l	99
61) 1,2-Dibromoethane	9.610	107	18963	19.885	ug/l	99
64) Tetrachloroethene	9.281	164	14842	19.988	ug/l	93
65) Chlorobenzene	10.085	112	46436	18.975	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	16220	19.463	ug/l	97
67) Ethyl Benzene	10.195	91	84874	18.839	ug/l	100
68) m/p-Xylenes	10.305	106	62935	38.567	ug/l	98
69) o-Xylene	10.646	106	31537	19.946	ug/l	100
70) Styrene	10.658	104	52825	19.019	ug/l	97
71) Bromoform	10.805	173	9083	18.895	ug/l #	98
73) Isopropylbenzene	10.963	105	81584	19.196	ug/l	100
74) N-amyl acetate	10.847	43	42130	18.432	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.219	83	30527	20.193	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	27669m	20.161	ug/l	
77) Bromobenzene	11.201	156	16975	18.696	ug/l	82
78) n-propylbenzene	11.305	91	98088	19.107	ug/l	96
79) 2-Chlorotoluene	11.366	91	60365	19.433	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	70340	19.868	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	7540	18.513	ug/l #	79
82) 4-Chlorotoluene	11.457	91	69288	19.491	ug/l	95
83) tert-Butylbenzene	11.719	119	64338	19.349	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	71033	19.781	ug/l	97
85) sec-Butylbenzene	11.896	105	84877	19.543	ug/l	98
86) p-Isopropyltoluene	12.012	119	70328	19.615	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	33429	19.398	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	34571	19.488	ug/l	96
89) n-Butylbenzene	12.335	91	65380	19.047	ug/l	96
90) Hexachloroethane	12.542	117	9150	17.900	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	33127	19.728	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.951	75	5560	18.304	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	18621	18.484	ug/l	97
94) Hexachlorobutadiene	13.725	225	6933	19.191	ug/l	97
95) Naphthalene	13.780	128	76029	18.247	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18551	18.889	ug/l	92

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

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