

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022584.D
 Acq On : 08 Jun 2021 23:57
 Operator : JC/MD
 Sample : VX0608WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:20:52 PM

Quant Time: Jun 09 04:03:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65070	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	136088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56926	49.211	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.420%
35) Dibromofluoromethane	5.397	113	41487	48.725	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	8.653	98	164703	48.480	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.085	95	60727	48.090	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.180%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	15793	20.812	ug/l	98
3) Chloromethane	1.295	50	17831	19.456	ug/l	97
4) Vinyl Chloride	1.374	62	17422	19.476	ug/l	98
5) Bromomethane	1.599	94	10407	22.143	ug/l	99
6) Chloroethane	1.685	64	10596	18.812	ug/l	98
7) Trichlorofluoromethane	1.886	101	25073	19.246	ug/l	95
8) Diethyl Ether	2.136	74	10621	19.997	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	15464	19.361	ug/l	89
10) Methyl Iodide	2.453	142	16478	17.526	ug/l	95
11) Tert butyl alcohol	2.977	59	24436	94.178	ug/l	99
12) 1,1-Dichloroethene	2.319	96	14346	17.387	ug/l	97
13) Acrolein	2.239	56	9819	81.446	ug/l	100
14) Allyl chloride	2.666	41	28539	18.863	ug/l	# 94
15) Acrylonitrile	3.075	53	53494	98.891	ug/l	100
16) Acetone	2.386	43	50762	97.658	ug/l	95
17) Carbon Disulfide	2.514	76	31411	17.569	ug/l	98
18) Methyl Acetate	2.709	43	28650	19.986	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	53692	19.516	ug/l	96
20) Methylene Chloride	2.794	84	19415	17.890	ug/l	# 86
21) trans-1,2-Dichloroethene	3.099	96	16831	18.112	ug/l	91
22) Diisopropyl ether	3.770	45	58916	19.411	ug/l	94
23) Vinyl Acetate	3.733	43	272334	95.349	ug/l	96
24) 1,1-Dichloroethane	3.617	63	33136	19.181	ug/l	99
25) 2-Butanone	4.568	43	85080	99.040	ug/l	90
26) 2,2-Dichloropropane	4.483	77	18387	13.888	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	20318	18.624	ug/l	98
28) Bromochloromethane	4.910	49	15901	18.209	ug/l	# 79
29) Tetrahydrofuran	5.026	42	48149	95.508	ug/l	91
30) Chloroform	5.099	83	33881	19.527	ug/l	99
31) Cyclohexane	5.477	56	27131	19.827	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	26487	19.246	ug/l	94
36) 1,1-Dichloropropene	5.696	75	24898	18.912	ug/l	96
37) Ethyl Acetate	4.727	43	31255	18.509	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	21009	18.361	ug/l	98
39) Methylcyclohexane	7.385	83	25836	18.726	ug/l	99
40) Benzene	6.044	78	75698	18.631	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	17366	18.691	ug/l	94
42) 1,2-Dichloroethane	6.099	62	28155	18.799	ug/l	97
43) Isopropyl Acetate	6.348	43	50620	18.480	ug/l #	93
44) Trichloroethene	7.129	130	17688	18.452	ug/l	97
45) 1,2-Dichloropropane	7.440	63	20382	19.502	ug/l	94
46) Dibromomethane	7.586	93	12902	18.112	ug/l #	84
47) Bromodichloromethane	7.830	83	22750	17.901	ug/l	99
48) Methyl methacrylate	7.702	41	23187	18.191	ug/l	90
49) 1,4-Dioxane	7.659	88	9815	380.746	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	164939	96.655	ug/l	90
52) Toluene	8.720	92	46227	18.116	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24444	16.810	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	27807	17.270	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	19094	19.199	ug/l	97
56) Ethyl methacrylate	9.122	69	30519	18.330	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	34113	18.980	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	83043	86.379	ug/l	95
59) 2-Hexanone	9.433	43	126391	96.953	ug/l	89
60) Dibromochloromethane	9.525	129	14887	17.490	ug/l	97
61) 1,2-Dibromoethane	9.610	107	18800	17.932	ug/l	100
64) Tetrachloroethene	9.281	164	15717	18.869	ug/l	90
65) Chlorobenzene	10.086	112	49044	18.970	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	15366	17.780	ug/l	98
67) Ethyl Benzene	10.195	91	87981	18.494	ug/l	99
68) m/p-Xylenes	10.305	106	66391	38.396	ug/l	98
69) o-Xylene	10.647	106	32037	18.949	ug/l	96
70) Styrene	10.659	104	54256	18.981	ug/l	98
71) Bromoform	10.805	173	8133	16.503	ug/l #	98
73) Isopropylbenzene	10.964	105	86260	19.870	ug/l	97
74) N-amyl acetate	10.848	43	43878	18.838	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	30219	19.339	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	27155m	19.679	ug/l	
77) Bromobenzene	11.201	156	17891	19.128	ug/l	85
78) n-propylbenzene	11.305	91	101372	19.240	ug/l	96
79) 2-Chlorotoluene	11.366	91	60215	19.205	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	71454	19.265	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	6732	16.754	ug/l #	79
82) 4-Chlorotoluene	11.457	91	68899	18.985	ug/l	97
83) tert-Butylbenzene	11.719	119	64179	19.424	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	71616	19.198	ug/l	98
85) sec-Butylbenzene	11.896	105	85264	19.391	ug/l	98
86) p-Isopropyltoluene	12.012	119	68556	18.864	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	33760	18.588	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	33437	17.671	ug/l	96
89) n-Butylbenzene	12.335	91	62650	17.954	ug/l	98
90) Hexachloroethane	12.543	117	8672	16.858	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	33739	19.572	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5461	17.961	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	19020	18.352	ug/l	96
94) Hexachlorobutadiene	13.731	225	6489	17.470	ug/l	98
95) Naphthalene	13.780	128	79083	19.033	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	18930	18.276	ug/l	96

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

