

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022633.D
 Acq On : 10 Jun 2021 10:38
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:08:32 PM

Quant Time: Jun 10 11:39:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 11:37:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65561	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	134190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	20870	17.906	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	35.820%#
35) Dibromofluoromethane	5.391	113	15401	18.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	36.680%#
50) Toluene-d8	8.653	98	58812	17.556	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	35.120%#
62) 4-Bromofluorobenzene	11.085	95	21149	16.985	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	33.960%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	15512	20.289	ug/l	98
3) Chloromethane	1.294	50	16734	18.122	ug/l	99
4) Vinyl Chloride	1.374	62	16682	18.509	ug/l	96
5) Bromomethane	1.605	94	10285	21.720	ug/l	97
6) Chloroethane	1.685	64	10340	18.220	ug/l	# 83
7) Trichlorofluoromethane	1.886	101	24531	18.689	ug/l	97
8) Diethyl Ether	2.136	74	9717	18.158	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	15609	19.396	ug/l	88
10) Methyl Iodide	2.453	142	14966	15.798	ug/l	93
11) Tert butyl alcohol	2.977	59	24497	93.706	ug/l	100
12) 1,1-Dichloroethene	2.319	96	14761	17.756	ug/l	91
13) Acrolein	2.245	56	9662	73.157	ug/l	97
14) Allyl chloride	2.666	41	27218	17.855	ug/l	95
15) Acrylonitrile	3.075	53	50414	92.499	ug/l	100
16) Acetone	2.386	43	48328	92.279	ug/l	93
17) Carbon Disulfide	2.514	76	29891	14.886	ug/l	100
18) Methyl Acetate	2.709	43	28125	19.473	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	51675	18.643	ug/l	100
20) Methylene Chloride	2.794	84	18835	17.225	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	16667	17.801	ug/l	99
22) Diisopropyl ether	3.770	45	56902	18.607	ug/l	91
23) Vinyl Acetate	3.733	43	263049	91.409	ug/l	95
24) 1,1-Dichloroethane	3.617	63	31897	18.325	ug/l	97
25) 2-Butanone	4.568	43	79348	91.676	ug/l	93
26) 2,2-Dichloropropane	4.483	77	24842	18.623	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	19682	17.906	ug/l	95
28) Bromochloromethane	4.910	49	16074	18.269	ug/l	# 80
29) Tetrahydrofuran	5.019	42	46599	91.741	ug/l	89
30) Chloroform	5.105	83	32693	18.701	ug/l	98
31) Cyclohexane	5.477	56	25592	18.562	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	26281	18.953	ug/l	97
36) 1,1-Dichloropropene	5.702	75	24093	18.560	ug/l	95
37) Ethyl Acetate	4.733	43	30566	18.357	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	19736	18.123	ug/l	97
39) Methylcyclohexane	7.385	83	26306	18.733	ug/l	96
40) Benzene	6.044	78	73480	18.341	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	16634	18.156	ug/l	92
42) 1,2-Dichloroethane	6.098	62	26804	18.150	ug/l	96
43) Isopropyl Acetate	6.348	43	48922	18.113	ug/l	92
44) Trichloroethene	7.129	130	17259	18.259	ug/l	98
45) 1,2-Dichloropropane	7.434	63	19571	18.991	ug/l	95
46) Dibromomethane	7.580	93	11902	16.944	ug/l #	86
47) Bromodichloromethane	7.830	83	21880	17.969	ug/l	96
48) Methyl methacrylate	7.702	41	22888	18.211	ug/l	89
49) 1,4-Dioxane	7.665	88	8976	353.125	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	160403	95.327	ug/l	89
52) Toluene	8.720	92	44845	17.823	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	24684	17.150	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	28527	18.465	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	18291	18.652	ug/l	97
56) Ethyl methacrylate	9.122	69	29568	18.297	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	32623	18.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	83061	87.620	ug/l	94
59) 2-Hexanone	9.433	43	119690	93.111	ug/l	89
60) Dibromochloromethane	9.525	129	14666	17.983	ug/l	100
61) 1,2-Dibromoethane	9.610	107	18015	17.426	ug/l	100
64) Tetrachloroethene	9.281	164	14450	17.686	ug/l	88
65) Chlorobenzene	10.086	112	46298	18.256	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	14875	18.595	ug/l	97
67) Ethyl Benzene	10.195	91	86790	18.598	ug/l	97
68) m/p-Xylenes	10.305	106	62548	36.877	ug/l	96
69) o-Xylene	10.646	106	31143	18.779	ug/l	98
70) Styrene	10.659	104	51043	18.205	ug/l	97
71) Bromoform	10.805	173	8003	16.898	ug/l #	99
73) Isopropylbenzene	10.963	105	81687	18.822	ug/l	98
74) N-amyl acetate	10.848	43	43061	18.492	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	29528	18.902	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	26221m	19.008	ug/l	
77) Bromobenzene	11.201	156	16820	17.988	ug/l	82
78) n-propylbenzene	11.305	91	97484	18.507	ug/l	96
79) 2-Chlorotoluene	11.366	91	58233	18.578	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	68972	18.601	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	6897	14.416	ug/l #	77
82) 4-Chlorotoluene	11.457	91	67376	18.570	ug/l	96
83) tert-Butylbenzene	11.719	119	62964	19.062	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	68532	18.376	ug/l	98
85) sec-Butylbenzene	11.896	105	82675	18.808	ug/l	98
86) p-Isopropyltoluene	12.012	119	68203	18.772	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	32140	17.701	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	33201	17.551	ug/l	94
89) n-Butylbenzene	12.335	91	63774	18.282	ug/l	96
90) Hexachloroethane	12.542	117	8537	16.806	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	32523	18.872	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5333	18.624	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	18729	18.077	ug/l	93
94) Hexachlorobutadiene	13.725	225	6722	18.103	ug/l	99
95) Naphthalene	13.780	128	76261	18.359	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18099	17.479	ug/l	96

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

