

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022533.D
 Acq On : 07 Jun 2021 14:48
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060721

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:58:13 PM

Quant Time: Jun 07 17:04:14 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	5.556	168	76600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62145	45.636	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.280%		
35) Dibromofluoromethane	5.385	113	46326	49.046	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.100%		
50) Toluene-d8	8.653	98	185291	49.165	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.340%		
62) 4-Bromofluorobenzene	11.079	95	69046	49.289	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	49777	55.722	ug/l	95
3) Chloromethane	1.295	50	54502	50.516	ug/l	98
4) Vinyl Chloride	1.374	62	53998	51.278	ug/l	99
5) Bromomethane	1.599	94	29887	54.019	ug/l	99
6) Chloroethane	1.679	64	33347	50.291	ug/l	97
7) Trichlorofluoromethane	1.880	101	78423	51.136	ug/l	99
8) Diethyl Ether	2.136	74	30202	48.305	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	48225	51.289	ug/l	92
10) Methyl Iodide	2.453	142	47463	42.882	ug/l	95
11) Tert butyl alcohol	2.977	59	69016	225.954	ug/l	100
12) 1,1-Dichloroethene	2.319	96	47529	48.932	ug/l	98
13) Acrolein	2.240	56	27729	191.021	ug/l	99
14) Allyl chloride	2.666	41	90093	50.584	ug/l	96
15) Acrylonitrile	3.069	53	150082	235.686	ug/l	100
16) Acetone	2.386	43	149616	244.513	ug/l	96
17) Carbon Disulfide	2.508	76	113082	46.766	ug/l	100
18) Methyl Acetate	2.709	43	80153	47.498	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	158368	48.900	ug/l	98
20) Methylene Chloride	2.788	84	57641	45.118	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	52811	48.277	ug/l	95
22) Diisopropyl ether	3.770	45	172835	48.373	ug/l	92
23) Vinyl Acetate	3.727	43	836606	248.822	ug/l	96
24) 1,1-Dichloroethane	3.611	63	99483	48.917	ug/l	99
25) 2-Butanone	4.562	43	239160	236.495	ug/l	92
26) 2,2-Dichloropropane	4.477	77	84526	54.235	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	62066	48.327	ug/l	97
28) Bromochloromethane	4.904	49	48723	47.396	ug/l #	80
29) Tetrahydrofuran	5.013	42	137025	230.890	ug/l	89
30) Chloroform	5.099	83	100087	49.002	ug/l	98
31) Cyclohexane	5.477	56	83154	51.621	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	83648	51.632	ug/l	97
36) 1,1-Dichloropropene	5.696	75	75578	51.751	ug/l	98
37) Ethyl Acetate	4.721	43	90288	48.199	ug/l	94
38) Carbon Tetrachloride	5.678	117	67074	48.727	ug/l	94
39) Methylcyclohexane	7.379	83	86347	52.709	ug/l	98
40) Benzene	6.038	78	231519	51.367	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49014	47.554	ug/l	93
42) 1,2-Dichloroethane	6.086	62	81757	49.209	ug/l	97
43) Isopropyl Acetate	6.349	43	151228	49.768	ug/l	94
44) Trichloroethene	7.129	130	54110	50.883	ug/l	99
45) 1,2-Dichloropropane	7.428	63	59551	51.366	ug/l	94
46) Dibromomethane	7.580	93	38230	48.378	ug/l #	86
47) Bromodichloromethane	7.824	83	73601	47.513	ug/l	99
48) Methyl methacrylate	7.696	41	70287	49.709	ug/l	89
49) 1,4-Dioxane	7.659	88	27535	962.884	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	471215	248.923	ug/l	91
52) Toluene	8.720	92	142665	50.401	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	87961	47.211	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	96106	48.329	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	57710	52.310	ug/l	98
56) Ethyl methacrylate	9.116	69	95834	46.943	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	100657	50.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	250119	234.528	ug/l	96
59) 2-Hexanone	9.433	43	364682	252.174	ug/l	89
60) Dibromochloromethane	9.525	129	50855	46.430	ug/l	97
61) 1,2-Dibromoethane	9.610	107	58904	50.648	ug/l	98
64) Tetrachloroethene	9.275	164	46850	50.998	ug/l	91
65) Chlorobenzene	10.080	112	146604	51.414	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	49646	48.897	ug/l	98
67) Ethyl Benzene	10.195	91	276867	52.768	ug/l	100
68) m/p-Xylenes	10.305	106	203820	106.876	ug/l	97
69) o-Xylene	10.647	106	99921	53.587	ug/l	100
70) Styrene	10.659	104	169523	53.774	ug/l	98
71) Bromoform	10.805	173	29619	44.882	ug/l #	99
73) Isopropylbenzene	10.964	105	261603	52.464	ug/l	100
74) N-amyl acetate	10.842	43	135022	50.468	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	92124	51.327	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	83471m	52.665	ug/l	
77) Bromobenzene	11.201	156	54471	50.702	ug/l	84
78) n-propylbenzene	11.305	91	318596	52.644	ug/l	98
79) 2-Chlorotoluene	11.366	91	185609	51.538	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	226149	53.083	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	29479	47.516	ug/l	91
82) 4-Chlorotoluene	11.457	91	218709	52.466	ug/l	95
83) tert-Butylbenzene	11.720	119	203590	53.644	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	224368	52.363	ug/l	99
85) sec-Butylbenzene	11.890	105	273935	54.239	ug/l	97
86) p-Isopropyltoluene	12.012	119	228879	54.830	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	108054	51.795	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	108464	49.905	ug/l	96
89) n-Butylbenzene	12.335	91	224127	55.920	ug/l	98
90) Hexachloroethane	12.543	117	33054	48.263	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	102556	51.795	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18499	45.885	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	63961	53.730	ug/l	96
94) Hexachlorobutadiene	13.725	225	23095	54.133	ug/l	99
95) Naphthalene	13.780	128	251540	52.707	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	62159	52.247	ug/l	97

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

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