

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022638.D
 Acq On : 10 Jun 2021 12:40
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061021

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:08:39 PM

Quant Time: Jun 11 06:41:36 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	5.562	168	70444	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135546	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58044	45.815	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.640%		
35) Dibromofluoromethane	5.397	113	41486	47.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	8.653	98	169764	49.797	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.600%		
62) 4-Bromofluorobenzene	11.085	95	64866	50.309	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	43255	52.325	ug/l	100
3) Chloromethane	1.294	50	47676	47.729	ug/l	99
4) Vinyl Chloride	1.374	62	46333	47.207	ug/l	98
5) Bromomethane	1.599	94	26404	49.453	ug/l	100
6) Chloroethane	1.678	64	28385	47.762	ug/l	92
7) Trichlorofluoromethane	1.886	101	70733	50.046	ug/l	96
8) Diethyl Ether	2.142	74	27970	48.985	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.325	101	43513	50.463	ug/l	89
10) Methyl Iodide	2.453	142	44817	46.356	ug/l	94
11) Tert butyl alcohol	2.977	59	62796	214.072	ug/l	99
12) 1,1-Dichloroethene	2.319	96	41498	48.522	ug/l	92
13) Acrolein	2.239	56	27777	225.961	ug/l	99
14) Allyl chloride	2.666	41	81820	49.485	ug/l	95
15) Acrylonitrile	3.068	53	138665	240.686	ug/l	99
16) Acetone	2.386	43	139250	245.464	ug/l	97
17) Carbon Disulfide	2.514	76	97323	50.570	ug/l	100
18) Methyl Acetate	2.709	43	75135	44.000	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	146787	49.464	ug/l	92
20) Methylene Chloride	2.794	84	52483	47.900	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	47057	49.655	ug/l	99
22) Diisopropyl ether	3.770	45	162740	49.734	ug/l	96
23) Vinyl Acetate	3.727	43	770535	255.520	ug/l	94
24) 1,1-Dichloroethane	3.617	63	91382	48.125	ug/l	99
25) 2-Butanone	4.568	43	222291	241.610	ug/l	91
26) 2,2-Dichloropropane	4.483	77	76562	52.869	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	56011	48.509	ug/l	95
28) Bromochloromethane	4.903	49	45030	49.044	ug/l	# 77
29) Tetrahydrofuran	5.013	42	128703	240.254	ug/l	87
30) Chloroform	5.099	83	91315	48.246	ug/l	96
31) Cyclohexane	5.477	56	73874	48.335	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	76128	47.431	ug/l	97
36) 1,1-Dichloropropene	5.696	75	69757	51.651	ug/l	97
37) Ethyl Acetate	4.727	43	85492	49.805	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	61200	52.975	ug/l	97
39) Methylcyclohexane	7.385	83	76550	54.333	ug/l	97
40) Benzene	6.044	78	208511	51.894	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	45467	49.427	ug/l	92
42) 1,2-Dichloroethane	6.092	62	76133	51.514	ug/l	97
43) Isopropyl Acetate	6.348	43	141732	52.283	ug/l #	92
44) Trichloroethene	7.129	130	48032	50.923	ug/l	94
45) 1,2-Dichloropropane	7.440	63	55781	51.454	ug/l	92
46) Dibromomethane	7.586	93	34920	47.888	ug/l #	85
47) Bromodichloromethane	7.830	83	68332	48.255	ug/l	98
48) Methyl methacrylate	7.696	41	66813	51.340	ug/l	90
49) 1,4-Dioxane	7.665	88	24081	972.225	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	445965	259.167	ug/l	90
52) Toluene	8.720	92	128383	51.338	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	79484	47.322	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	88128	48.861	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	53143	51.936	ug/l	97
56) Ethyl methacrylate	9.122	69	87520	47.412	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	93160	52.349	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	232917	252.499	ug/l	95
59) 2-Hexanone	9.433	43	344704	262.187	ug/l	88
60) Dibromochloromethane	9.525	129	46585	46.583	ug/l	98
61) 1,2-Dibromoethane	9.610	107	53601	52.484	ug/l	98
64) Tetrachloroethene	9.275	164	40980	52.099	ug/l #	86
65) Chlorobenzene	10.079	112	133577	51.528	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	44975	48.006	ug/l	96
67) Ethyl Benzene	10.195	91	253616	53.143	ug/l	100
68) m/p-Xylenes	10.305	106	185872	107.529	ug/l	95
69) o-Xylene	10.646	106	92375	55.155	ug/l	100
70) Styrene	10.659	104	155243	50.184	ug/l	98
71) Bromoform	10.805	173	28202	46.224	ug/l #	97
73) Isopropylbenzene	10.963	105	244285	53.239	ug/l	97
74) N-amyl acetate	10.848	43	130209	52.766	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	87646	53.703	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	78255m	52.817	ug/l	
77) Bromobenzene	11.201	156	50359	51.376	ug/l	84
78) n-propylbenzene	11.305	91	298440	53.849	ug/l	96
79) 2-Chlorotoluene	11.366	91	174313	51.977	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	204188	53.422	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	26583	46.869	ug/l	90
82) 4-Chlorotoluene	11.457	91	202278	52.707	ug/l	95
83) tert-Butylbenzene	11.719	119	189703	52.846	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	209122	53.941	ug/l	97
85) sec-Butylbenzene	11.896	105	252325	53.816	ug/l	97
86) p-Isopropyltoluene	12.012	119	208488	53.862	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	98041	52.697	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	97551	50.936	ug/l	96
89) n-Butylbenzene	12.335	91	204925	55.298	ug/l	97
90) Hexachloroethane	12.542	117	29883	46.711	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	94412	52.079	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16977	44.566	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	58074	53.397	ug/l	98
94) Hexachlorobutadiene	13.731	225	21769	55.815	ug/l	97
95) Naphthalene	13.780	128	234731	49.440	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	58123	54.819	ug/l	97

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

