

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022504.D
 Acq On : 07 Jun 2021 02:22
 Operator : JC/MD
 Sample : VX0606WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 4:56:51 PM

Quant Time: Jun 07 04:31:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65738	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	140631	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57611	56.813	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.620%
35) Dibromofluoromethane	5.397	113	42925	48.132	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.260%
50) Toluene-d8	8.653	98	165123	48.066	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.140%
62) 4-Bromofluorobenzene	11.085	95	61930	48.772	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.540%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	16446	20.578	ug/l	100
3) Chloromethane	1.294	50	18283	21.209	ug/l	99
4) Vinyl Chloride	1.374	62	19016	20.847	ug/l	97
5) Bromomethane	1.599	94	10590	19.913	ug/l	98
6) Chloroethane	1.685	64	11325	20.851	ug/l	96
7) Trichlorofluoromethane	1.886	101	27094	20.658	ug/l	97
8) Diethyl Ether	2.142	74	11140	19.750	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	15751	20.224	ug/l	89
10) Methyl Iodide	2.453	142	18088	21.611	ug/l	95
11) Tert butyl alcohol	2.977	59	28194	121.560	ug/l	99
12) 1,1-Dichloroethene	2.319	96	16701	22.167	ug/l	96
13) Acrolein	2.245	56	10993	71.463	ug/l	95
14) Allyl chloride	2.666	41	27642	19.975	ug/l	94
15) Acrylonitrile	3.075	53	56883	124.576	ug/l	100
16) Acetone	2.386	43	56386	127.701	ug/l	96
17) Carbon Disulfide	2.514	76	35789	18.136	ug/l	99
18) Methyl Acetate	2.715	43	30037	25.579	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	58344	22.606	ug/l	98
20) Methylene Chloride	2.794	84	20891	21.309	ug/l	# 87
21) trans-1,2-Dichloroethene	3.099	96	18411	22.466	ug/l	99
22) Diisopropyl ether	3.776	45	63388	23.783	ug/l	90
23) Vinyl Acetate	3.733	43	286948	111.818	ug/l	94
24) 1,1-Dichloroethane	3.617	63	35892	22.948	ug/l	98
25) 2-Butanone	4.568	43	91357	127.891	ug/l	92
26) 2,2-Dichloropropane	4.483	77	7924	5.707	ug/l	78
27) cis-1,2-Dichloroethene	4.501	96	21912	21.986	ug/l	95
28) Bromochloromethane	4.910	49	14609	19.253	ug/l	# 80
29) Tetrahydrofuran	5.025	42	52798	124.182	ug/l	88
30) Chloroform	5.105	83	35849	22.183	ug/l	97
31) Cyclohexane	5.477	56	28896	22.676	ug/l	90
32) 1,1,1-Trichloroethane	5.391	97	28644	20.742	ug/l	97
36) 1,1-Dichloropropene	5.696	75	26067	20.045	ug/l	99
37) Ethyl Acetate	4.727	43	35293	22.140	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	23320	18.332	ug/l	97
39) Methylcyclohexane	7.385	83	27038	18.333	ug/l	94
40) Benzene	6.044	78	82281	20.564	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18855	22.109	ug/l	91
42) 1,2-Dichloroethane	6.098	62	30470	21.737	ug/l	99
43) Isopropyl Acetate	6.348	43	55326	21.219	ug/l	94
44) Trichloroethene	7.129	130	19590	19.703	ug/l	96
45) 1,2-Dichloropropane	7.434	63	21420	20.986	ug/l	98
46) Dibromomethane	7.586	93	14610	21.099	ug/l #	81
47) Bromodichloromethane	7.830	83	24968	18.019	ug/l	94
48) Methyl methacrylate	7.696	41	25256	21.018	ug/l	88
49) 1,4-Dioxane	7.665	88	11289	482.522	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	179938	115.206	ug/l	90
52) Toluene	8.726	92	51719	20.411	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	23338	14.591	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	25827	15.019	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	21315	20.721	ug/l	99
56) Ethyl methacrylate	9.122	69	33610	20.217	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	36376	20.713	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	79532	88.453	ug/l	95
59) 2-Hexanone	9.433	43	136136	115.890	ug/l	90
60) Dibromochloromethane	9.525	129	16126	16.114	ug/l	97
61) 1,2-Dibromoethane	9.616	107	20888	20.395	ug/l	95
64) Tetrachloroethene	9.275	164	17299	20.301	ug/l	90
65) Chlorobenzene	10.086	112	53150	19.672	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	16887	17.987	ug/l	96
67) Ethyl Benzene	10.195	91	96926	19.501	ug/l	99
68) m/p-Xylenes	10.305	106	69964	37.246	ug/l	96
69) o-Xylene	10.646	106	34584	18.930	ug/l	98
70) Styrene	10.659	104	57295	19.144	ug/l	98
71) Bromoform	10.805	173	9782	14.624	ug/l #	94
73) Isopropylbenzene	10.963	105	91507	19.996	ug/l	99
74) N-amyl acetate	10.848	43	46741	21.519	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	31965	21.074	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	27466m	20.591	ug/l	
77) Bromobenzene	11.201	156	19002	19.584	ug/l	84
78) n-propylbenzene	11.305	91	106399	19.850	ug/l	97
79) 2-Chlorotoluene	11.366	91	64501	19.840	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	76520	20.176	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	5700	10.125	ug/l	88
82) 4-Chlorotoluene	11.457	91	73667	19.668	ug/l	96
83) tert-Butylbenzene	11.719	119	68285	18.773	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	75983	19.903	ug/l	99
85) sec-Butylbenzene	11.896	105	90523	19.583	ug/l	97
86) p-Isopropyltoluene	12.012	119	74508	19.085	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	36925	19.738	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	36273	18.758	ug/l	96
89) n-Butylbenzene	12.335	91	65607	18.167	ug/l	96
90) Hexachloroethane	12.542	117	10002	15.502	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	36842	20.503	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5832	17.968	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	19103	17.618	ug/l	97
94) Hexachlorobutadiene	13.725	225	6764	15.982	ug/l	97
95) Naphthalene	13.780	128	87239	20.631	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20376	18.642	ug/l	96

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

