

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024252.D
 Acq On : 15 Sep 2021 11:41
 Operator : JC/MD
 Sample : VX0915WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:38:42 PM

Quant Time: Sep 22 07:40:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	175626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	271258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	121341	48.452	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.900%
35) Dibromofluoromethane	5.391	113	90656	49.834	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	8.653	98	335108	50.566	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.140%
62) 4-Bromofluorobenzene	11.085	95	128492	49.821	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	34852	20.644	ug/l	100
3) Chloromethane	1.294	50	35172	19.950	ug/l	97
4) Vinyl Chloride	1.374	62	35880	20.450	ug/l	98
5) Bromomethane	1.599	94	26890	25.744	ug/l	97
6) Chloroethane	1.685	64	23420	20.208	ug/l	100
7) Trichlorofluoromethane	1.886	101	62221	21.141	ug/l	99
8) Diethyl Ether	2.136	74	21223	20.839	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	36632	21.186	ug/l	97
10) Methyl Iodide	2.453	142	43322	18.111	ug/l	91
11) Tert butyl alcohol	2.977	59	56715	94.142	ug/l	100
12) 1,1-Dichloroethene	2.319	96	33222	20.516	ug/l	88
13) Acrolein	2.239	56	13930	84.394	ug/l	94
14) Allyl chloride	2.666	41	60538	20.571	ug/l	90
15) Acrylonitrile	3.068	53	109573	106.971	ug/l	98
16) Acetone	2.386	43	110694	103.661	ug/l	90
17) Carbon Disulfide	2.514	76	79496	19.589	ug/l	98
18) Methyl Acetate	2.709	43	70309	21.001	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	121476	20.412	ug/l	98
20) Methylene Chloride	2.794	84	40809	19.901	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	35576	20.068	ug/l	98
22) Diisopropyl ether	3.770	45	122440	21.183	ug/l	98
23) Vinyl Acetate	3.727	43	502346	107.037	ug/l	95
24) 1,1-Dichloroethane	3.611	63	70497	20.785	ug/l	98
25) 2-Butanone	4.562	43	164122	104.350	ug/l	91
26) 2,2-Dichloropropane	4.483	77	61085	20.562	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	42006	20.517	ug/l	92
28) Bromochloromethane	4.904	49	27858	20.158	ug/l	95
29) Tetrahydrofuran	5.019	42	104983	106.643	ug/l	90
30) Chloroform	5.099	83	74385	20.623	ug/l	98
31) Cyclohexane	5.470	56	61662	21.049	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	67919	21.040	ug/l	98
36) 1,1-Dichloropropene	5.696	75	53987	21.647	ug/l	99
37) Ethyl Acetate	4.727	43	61943	21.316	ug/l #	94
38) Carbon Tetrachloride	5.684	117	59653	21.251	ug/l	95
39) Methylcyclohexane	7.385	83	65557	22.017	ug/l	96
40) Benzene	6.044	78	153857	21.510	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	33873	21.858	ug/l	93
42) 1,2-Dichloroethane	6.092	62	65022	21.799	ug/l	94
43) Isopropyl Acetate	6.348	43	97599	21.099	ug/l	93
44) Trichloroethene	7.129	130	43013	21.402	ug/l	100
45) 1,2-Dichloropropane	7.434	63	39613	20.983	ug/l	99
46) Dibromomethane	7.586	93	28665	20.743	ug/l	98
47) Bromodichloromethane	7.824	83	54287	21.126	ug/l	95
48) Methyl methacrylate	7.702	41	48670	21.087	ug/l	86
49) 1,4-Dioxane	7.665	88	21403	442.866	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	327724	111.178	ug/l	90
52) Toluene	8.720	92	100304	21.395	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	60793	20.862	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	63532	21.068	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	41925	20.998	ug/l	96
56) Ethyl methacrylate	9.122	69	62808	19.694	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	68553	21.083	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	157551	109.040	ug/l	97
59) 2-Hexanone	9.433	43	257003	111.893	ug/l	86
60) Dibromochloromethane	9.525	129	41564	19.449	ug/l	98
61) 1,2-Dibromoethane	9.610	107	43729	20.555	ug/l	100
64) Tetrachloroethene	9.275	164	43837	22.341	ug/l	94
65) Chlorobenzene	10.086	112	111179	21.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	40987	21.223	ug/l	98
67) Ethyl Benzene	10.195	91	198930	21.823	ug/l	99
68) m/p-Xylenes	10.305	106	154496	44.271	ug/l	99
69) o-Xylene	10.646	106	75772	21.751	ug/l	99
70) Styrene	10.659	104	125106	22.138	ug/l	98
71) Bromoform	10.805	173	29233	18.857	ug/l #	99
73) Isopropylbenzene	10.963	105	200331	20.571	ug/l	100
74) N-amyl acetate	10.848	43	84725	20.666	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	66680	21.164	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	62158m	20.670	ug/l	
77) Bromobenzene	11.201	156	49959	20.412	ug/l	96
78) n-propylbenzene	11.305	91	229795	20.887	ug/l	99
79) 2-Chlorotoluene	11.366	91	141302	20.677	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	171382	20.877	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	19412	18.985	ug/l #	86
82) 4-Chlorotoluene	11.457	91	163445	21.021	ug/l	99
83) tert-Butylbenzene	11.719	119	165266	20.859	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	170396	21.101	ug/l	98
85) sec-Butylbenzene	11.896	105	212645	21.421	ug/l	100
86) p-Isopropyltoluene	12.012	119	176257	21.152	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	92733	21.152	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	93386	20.869	ug/l	98
89) n-Butylbenzene	12.335	91	153312	21.264	ug/l	97
90) Hexachloroethane	12.542	117	26570	19.791	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	91379	21.246	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14021	19.398	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	51271	20.229	ug/l	97
94) Hexachlorobutadiene	13.725	225	26465	20.910	ug/l	98
95) Naphthalene	13.780	128	169882	18.996	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52773	20.657	ug/l	99

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

