

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024382.D
 Acq On : 21 Sep 2021 13:36
 Operator : JC/MD
 Sample : VX0921WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:06:40 AM

Quant Time: Sep 21 15:39:28 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	188644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	292660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130859	48.646	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.300%
35) Dibromofluoromethane	5.391	113	99821	50.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	8.653	98	375348	52.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.000%
62) 4-Bromofluorobenzene	11.085	95	147922	53.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	34095	18.802	ug/l	96
3) Chloromethane	1.294	50	34479	18.208	ug/l	100
4) Vinyl Chloride	1.374	62	34024	18.054	ug/l	100
5) Bromomethane	1.599	94	23064	20.557	ug/l	94
6) Chloroethane	1.685	64	19751	15.866	ug/l	97
7) Trichlorofluoromethane	1.886	101	52385	16.571	ug/l	97
8) Diethyl Ether	2.136	74	17956	16.415	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	36744	19.785	ug/l	95
10) Methyl Iodide	2.453	142	45736	17.800	ug/l	93
11) Tert butyl alcohol	2.971	59	46008	65.455	ug/l	98
12) 1,1-Dichloroethene	2.319	96	33083	19.020	ug/l	95
13) Acrolein	2.239	56	16143	91.052	ug/l	98
14) Allyl chloride	2.666	41	60586	19.166	ug/l	94
15) Acrylonitrile	3.068	53	107606	97.801	ug/l	97
16) Acetone	2.386	43	122867	107.120	ug/l	90
17) Carbon Disulfide	2.514	76	75811	17.392	ug/l	98
18) Methyl Acetate	2.709	43	70581	19.628	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	125046	19.562	ug/l	97
20) Methylene Chloride	2.794	84	42224	19.170	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	36379	19.104	ug/l	93
22) Diisopropyl ether	3.770	45	126303	20.343	ug/l	96
23) Vinyl Acetate	3.727	43	499056	98.998	ug/l	95
24) 1,1-Dichloroethane	3.617	63	71101	19.516	ug/l	97
25) 2-Butanone	4.562	43	165979	98.248	ug/l	91
26) 2,2-Dichloropropane	4.477	77	63380	19.863	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	43641	19.845	ug/l	96
28) Bromochloromethane	4.910	49	25755	17.350	ug/l	95
29) Tetrahydrofuran	5.013	42	100461	95.007	ug/l	90
30) Chloroform	5.099	83	75987	19.614	ug/l	98
31) Cyclohexane	5.470	56	60798	19.322	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	67925	19.590	ug/l	99
36) 1,1-Dichloropropene	5.690	75	53932	20.044	ug/l	99
37) Ethyl Acetate	4.721	43	60813	19.396	ug/l	95
38) Carbon Tetrachloride	5.684	117	58971	19.472	ug/l	98
39) Methylcyclohexane	7.385	83	64503	20.079	ug/l	94
40) Benzene	6.044	78	154503	20.020	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	32969	19.718	ug/l	93
42) 1,2-Dichloroethane	6.092	62	63143	19.621	ug/l	95
43) Isopropyl Acetate	6.348	43	96386	19.313	ug/l	93
44) Trichloroethene	7.129	130	43614	20.114	ug/l	99
45) 1,2-Dichloropropane	7.434	63	40503	19.885	ug/l	94
46) Dibromomethane	7.586	93	28492	19.110	ug/l	100
47) Bromodichloromethane	7.824	83	54815	19.772	ug/l	100
48) Methyl methacrylate	7.696	41	47741	19.172	ug/l	89
49) 1,4-Dioxane	7.665	88	20004	383.649	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	314729	98.962	ug/l	93
52) Toluene	8.720	92	100889	19.946	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	62007	19.722	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	65927	20.263	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	43154	20.033	ug/l	95
56) Ethyl methacrylate	9.122	69	63938	18.659	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	70395	20.066	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	143314	91.934	ug/l	98
59) 2-Hexanone	9.433	43	239480	96.639	ug/l	87
60) Dibromochloromethane	9.525	129	41604	18.169	ug/l	99
61) 1,2-Dibromoethane	9.610	107	45678	19.901	ug/l	97
64) Tetrachloroethene	9.275	164	43616	20.490	ug/l	94
65) Chlorobenzene	10.079	112	115164	20.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41794	19.949	ug/l	99
67) Ethyl Benzene	10.195	91	201758	20.402	ug/l	100
68) m/p-Xylenes	10.305	106	156693	41.388	ug/l	100
69) o-Xylene	10.646	106	66366	17.561	ug/l	97
70) Styrene	10.659	104	113366	18.491	ug/l	98
71) Bromoform	10.805	173	29570	17.659	ug/l #	100
73) Isopropylbenzene	10.963	105	202557	19.613	ug/l	99
74) N-amyl acetate	10.848	43	83280	19.155	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	65764	19.683	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	60624m	19.010	ug/l	
77) Bromobenzene	11.201	156	49588	19.105	ug/l	97
78) n-propylbenzene	11.305	91	233499	20.013	ug/l	99
79) 2-Chlorotoluene	11.366	91	142185	19.620	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	173720	19.955	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	19151	17.662	ug/l	87
82) 4-Chlorotoluene	11.457	91	164091	19.901	ug/l	99
83) tert-Butylbenzene	11.719	119	170006	20.233	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	173453	20.255	ug/l	100
85) sec-Butylbenzene	11.896	105	217043	20.617	ug/l	100
86) p-Isopropyltoluene	12.012	119	178016	20.145	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	93664	20.146	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	94898	19.997	ug/l	98
89) n-Butylbenzene	12.335	91	157436	20.591	ug/l	97
90) Hexachloroethane	12.542	117	26766	18.800	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	91929	20.154	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11579	15.105	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	46950	17.467	ug/l	99
94) Hexachlorobutadiene	13.725	225	24350	18.141	ug/l	97
95) Naphthalene	13.780	128	145014	15.541	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46680	17.230	ug/l	99

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

