

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024328.D
 Acq On : 17 Sep 2021 23:48
 Operator : JC/MD
 Sample : VX0917WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS03

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:49 PM

Quant Time: Sep 22 08:08:02 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	5.562	168	158398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	249074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	233581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106650	47.217	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.440%
35) Dibromofluoromethane	5.397	113	80955	48.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.920%
50) Toluene-d8	8.653	98	295309	48.529	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.085	95	110920	46.838	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.680%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.173	85	31487	20.679	ug/l	99
3) Chloromethane	1.301	50	33834	21.279	ug/l	99
4) Vinyl Chloride	1.374	62	34051	21.518	ug/l	93
5) Bromomethane	1.599	94	22767	24.167	ug/l	99
6) Chloroethane	1.685	64	18999	18.177	ug/l	93
7) Trichlorofluoromethane	1.886	101	50889	19.171	ug/l	98
8) Diethyl Ether	2.142	74	17957	19.550	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	28347	18.178	ug/l	96
10) Methyl Iodide	2.459	142	38003	17.615	ug/l	91
11) Tert butyl alcohol	2.977	59	50689	93.082	ug/l	97
12) 1,1-Dichloroethene	2.325	96	26556	18.183	ug/l	98
13) Acrolein	2.245	56	13070	87.796	ug/l	95
14) Allyl chloride	2.666	41	46001	17.331	ug/l	89
15) Acrylonitrile	3.075	53	84490	91.455	ug/l	97
16) Acetone	2.392	43	82658	85.825	ug/l #	88
17) Carbon Disulfide	2.514	76	60008	16.395	ug/l	99
18) Methyl Acetate	2.715	43	59292	19.637	ug/l	92
19) Methyl tert-butyl Ether	3.129	73	97265	18.121	ug/l	100
20) Methylene Chloride	2.794	84	33632	18.185	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	29053	18.171	ug/l	94
22) Diisopropyl ether	3.776	45	96849	18.578	ug/l	98
23) Vinyl Acetate	3.733	43	386170	91.232	ug/l	95
24) 1,1-Dichloroethane	3.617	63	55340	18.091	ug/l	97
25) 2-Butanone	4.568	43	126351	89.072	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	36230	13.522	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	33611	18.202	ug/l	97
28) Bromochloromethane	4.910	49	19811	15.895	ug/l	98
29) Tetrahydrofuran	5.019	42	80159	90.282	ug/l	91
30) Chloroform	5.105	83	59303	18.230	ug/l	98
31) Cyclohexane	5.477	56	45865	17.360	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	53320	18.314	ug/l	98
36) 1,1-Dichloropropene	5.702	75	41538	18.139	ug/l	100
37) Ethyl Acetate	4.727	43	46961	17.599	ug/l	95
38) Carbon Tetrachloride	5.690	117	46495	18.039	ug/l	99
39) Methylcyclohexane	7.385	83	48176	17.621	ug/l	98
40) Benzene	6.044	78	119518	18.197	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24804	17.431	ug/l #	92
42) 1,2-Dichloroethane	6.098	62	51768	18.902	ug/l	94
43) Isopropyl Acetate	6.355	43	77765	18.308	ug/l	92
44) Trichloroethene	7.135	130	34057	18.455	ug/l	99
45) 1,2-Dichloropropane	7.440	63	31654	18.260	ug/l	99
46) Dibromomethane	7.592	93	23579	18.582	ug/l	98
47) Bromodichloromethane	7.830	83	42958	18.207	ug/l	97
48) Methyl methacrylate	7.702	41	38633	18.229	ug/l #	83
49) 1,4-Dioxane	7.665	88	16723	376.848	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	258529	95.516	ug/l	89
52) Toluene	8.726	92	79036	18.360	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	45794	17.114	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	48087	17.366	ug/l #	86
55) 1,1,2-Trichloroethane	9.159	97	32957	17.977	ug/l	98
56) Ethyl methacrylate	9.122	69	49626	17.137	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	54220	18.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	115805	87.287	ug/l	98
59) 2-Hexanone	9.433	43	202650	96.087	ug/l	86
60) Dibromochloromethane	9.525	129	32680	16.902	ug/l	99
61) 1,2-Dibromoethane	9.616	107	34867	17.849	ug/l	99
64) Tetrachloroethene	9.281	164	36205	20.008	ug/l	97
65) Chlorobenzene	10.079	112	88188	18.351	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	32782	18.406	ug/l	99
67) Ethyl Benzene	10.195	91	154773	18.411	ug/l	99
68) m/p-Xylenes	10.305	106	119464	37.119	ug/l	98
69) o-Xylene	10.646	106	59583	18.546	ug/l	99
70) Styrene	10.659	104	97191	18.649	ug/l	98
71) Bromoform	10.805	173	23191	16.379	ug/l #	95
73) Isopropylbenzene	10.963	105	154496	17.749	ug/l	100
74) N-amyl acetate	10.848	43	65829	17.965	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	53260	18.913	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	49327m	18.353	ug/l	
77) Bromobenzene	11.201	156	40430	18.481	ug/l	93
78) n-propylbenzene	11.305	91	176926	17.993	ug/l	100
79) 2-Chlorotoluene	11.366	91	109703	17.961	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	133709	18.224	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	13314	14.569	ug/l #	81
82) 4-Chlorotoluene	11.457	91	124948	17.980	ug/l	100
83) tert-Butylbenzene	11.719	119	128651	18.167	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	133985	18.564	ug/l	99
85) sec-Butylbenzene	11.896	105	160545	18.094	ug/l	99
86) p-Isopropyltoluene	12.012	119	134263	18.027	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	72125	18.406	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	73323	18.332	ug/l	99
89) n-Butylbenzene	12.335	91	112865	17.514	ug/l	97
90) Hexachloroethane	12.542	117	20582	17.153	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	72706	18.913	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11144	17.249	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	41490	18.315	ug/l	99
94) Hexachlorobutadiene	13.731	225	21004	18.567	ug/l	97
95) Naphthalene	13.780	128	133554	16.863	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41241	18.061	ug/l	99

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

