

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024226.D
 Acq On : 14 Sep 2021 23:21
 Operator : JC/MD
 Sample : VX0914WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:38:20 PM

Quant Time: Sep 22 07:49:39 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	5.568	168	184123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	293308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	124975	47.600	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.200%		
35) Dibromofluoromethane	5.397	113	90978	46.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.500%		
50) Toluene-d8	8.653	98	337378	47.081	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.160%		
62) 4-Bromofluorobenzene	11.085	95	127556	45.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	33992	19.205	ug/l	98
3) Chloromethane	1.301	50	36733	19.874	ug/l	93
4) Vinyl Chloride	1.374	62	35888	19.510	ug/l	96
5) Bromomethane	1.599	94	26772	24.448	ug/l	97
6) Chloroethane	1.685	64	23956	19.717	ug/l	93
7) Trichlorofluoromethane	1.886	101	61633	19.975	ug/l	96
8) Diethyl Ether	2.142	74	21688	20.313	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	34685	19.135	ug/l	96
10) Methyl Iodide	2.459	142	48642	19.396	ug/l	92
11) Tert butyl alcohol	2.977	59	61724	98.607	ug/l	100
12) 1,1-Dichloroethene	2.325	96	33657	19.825	ug/l	96
13) Acrolein	2.246	56	15197	87.821	ug/l	97
14) Allyl chloride	2.666	41	61285	19.863	ug/l	90
15) Acrylonitrile	3.075	53	114007	106.163	ug/l	98
16) Acetone	2.392	43	109086	97.441	ug/l	90
17) Carbon Disulfide	2.514	76	79455	18.676	ug/l	98
18) Methyl Acetate	2.715	43	73145	20.840	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	126234	20.233	ug/l	98
20) Methylene Chloride	2.794	84	39679	18.457	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	35924	19.329	ug/l	91
22) Diisopropyl ether	3.776	45	125026	20.632	ug/l	92
23) Vinyl Acetate	3.733	43	506534	102.948	ug/l	94
24) 1,1-Dichloroethane	3.617	63	70085	19.710	ug/l	99
25) 2-Butanone	4.574	43	170801	103.585	ug/l	91
26) 2,2-Dichloropropane	4.489	77	48906	15.703	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	43214	20.133	ug/l	96
28) Bromochloromethane	4.910	49	29094	20.081	ug/l	97
29) Tetrahydrofuran	5.019	42	108186	104.825	ug/l	90
30) Chloroform	5.105	83	75434	19.949	ug/l	99
31) Cyclohexane	5.477	56	60187	19.598	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	67787	20.030	ug/l	98
36) 1,1-Dichloropropene	5.702	75	53839	19.965	ug/l	97
37) Ethyl Acetate	4.727	43	64181	20.425	ug/l	95
38) Carbon Tetrachloride	5.690	117	58128	19.151	ug/l	96
39) Methylcyclohexane	7.385	83	60758	18.871	ug/l	97
40) Benzene	6.050	78	155496	20.104	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	35202	21.007	ug/l	92
42) 1,2-Dichloroethane	6.099	62	65559	20.327	ug/l	93
43) Isopropyl Acetate	6.355	43	101054	20.203	ug/l	93
44) Trichloroethene	7.135	130	42917	19.749	ug/l	95
45) 1,2-Dichloropropane	7.434	63	40197	19.691	ug/l	97
46) Dibromomethane	7.586	93	29957	20.048	ug/l	97
47) Bromodichloromethane	7.830	83	54395	19.577	ug/l	99
48) Methyl methacrylate	7.702	41	49421	19.802	ug/l	85
49) 1,4-Dioxane	7.665	88	21578	412.922	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	339919	106.646	ug/l	90
52) Toluene	8.726	92	102030	20.127	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	59548	18.898	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	60912	18.680	ug/l #	92
55) 1,1,2-Trichloroethane	9.159	97	42810	19.830	ug/l	98
56) Ethyl methacrylate	9.122	69	64683	18.822	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	69890	19.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	153649	98.346	ug/l	99
59) 2-Hexanone	9.433	43	264832	106.633	ug/l	87
60) Dibromochloromethane	9.525	129	41411	18.056	ug/l	99
61) 1,2-Dibromoethane	9.616	107	44830	19.488	ug/l	100
64) Tetrachloroethene	9.275	164	43527	20.464	ug/l	94
65) Chlorobenzene	10.086	112	110305	19.527	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41264	19.710	ug/l	99
67) Ethyl Benzene	10.195	91	195343	19.769	ug/l	99
68) m/p-Xylenes	10.305	106	150824	39.868	ug/l	98
69) o-Xylene	10.647	106	75125	19.894	ug/l	99
70) Styrene	10.659	104	121539	19.839	ug/l	97
71) Bromoform	10.805	173	30427	18.151	ug/l #	98
73) Isopropylbenzene	10.964	105	198044	19.490	ug/l	100
74) N-amyl acetate	10.848	43	85893	20.080	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	67684	20.589	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	62119m	19.798	ug/l	
77) Bromobenzene	11.201	156	49023	19.196	ug/l	96
78) n-propylbenzene	11.305	91	223006	19.427	ug/l	100
79) 2-Chlorotoluene	11.366	91	138707	19.453	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	166703	19.463	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.025	75	18564	17.401	ug/l	89
82) 4-Chlorotoluene	11.457	91	157622	19.429	ug/l	100
83) tert-Butylbenzene	11.720	119	161890	19.583	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	165842	19.683	ug/l	99
85) sec-Butylbenzene	11.896	105	200568	19.364	ug/l	99
86) p-Isopropyltoluene	12.012	119	164444	18.914	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	89312	19.524	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	89077	19.077	ug/l	98
89) n-Butylbenzene	12.335	91	142074	18.886	ug/l	97
90) Hexachloroethane	12.543	117	25652	18.312	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	90589	20.186	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14742	19.547	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	49951	18.888	ug/l	99
94) Hexachlorobutadiene	13.725	225	24616	18.640	ug/l	99
95) Naphthalene	13.780	128	171468	18.417	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	50913	19.100	ug/l	99

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

