

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024476.D
 Acq On : 24 Sep 2021 02:41
 Operator : JC/MD
 Sample : VX0923WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:58:03 PM

Quant Time: Sep 24 07:42:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	168193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	271185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120197	50.706	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.420%
35) Dibromofluoromethane	5.397	113	93896	52.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.240%
50) Toluene-d8	8.653	98	295861	44.620	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.240%#
62) 4-Bromofluorobenzene	11.085	95	131083	50.280	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	37043	21.888	ug/l	99
3) Chloromethane	1.294	50	34524	21.641	ug/l	100
4) Vinyl Chloride	1.374	62	36572	21.916	ug/l	97
5) Bromomethane	1.599	94	21909	19.507	ug/l	97
6) Chloroethane	1.685	64	18874	17.152	ug/l	100
7) Trichlorofluoromethane	1.886	101	51497	17.487	ug/l	97
8) Diethyl Ether	2.142	74	17145	17.105	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	34518	20.787	ug/l	97
10) Methyl Iodide	2.453	142	46946	20.205	ug/l	93
11) Tert butyl alcohol	2.971	59	64882	110.799	ug/l	99
12) 1,1-Dichloroethene	2.319	96	32731	21.229	ug/l	92
13) Acrolein	2.239	56	10019	85.061	ug/l	98
14) Allyl chloride	2.666	41	58370	20.708	ug/l	94
15) Acrylonitrile	3.069	53	113879	105.747	ug/l	97
16) Acetone	2.386	43	106027	99.922	ug/l	91
17) Carbon Disulfide	2.514	76	80195	20.314	ug/l	100
18) Methyl Acetate	2.709	43	75988	21.408	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	119263	20.525	ug/l	99
20) Methylene Chloride	2.794	84	39518	21.631	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	35952	20.535	ug/l	97
22) Diisopropyl ether	3.770	45	120255	20.881	ug/l	98
23) Vinyl Acetate	3.733	43	475777	102.021	ug/l	95
24) 1,1-Dichloroethane	3.617	63	68606	21.456	ug/l	98
25) 2-Butanone	4.568	43	166596	102.050	ug/l	95
26) 2,2-Dichloropropane	4.483	77	43672	15.183	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	41142	20.106	ug/l	99
28) Bromochloromethane	4.910	49	30131	20.757	ug/l	97
29) Tetrahydrofuran	5.019	42	109146	104.927	ug/l	90
30) Chloroform	5.105	83	72293	20.471	ug/l	97
31) Cyclohexane	5.477	56	59055	20.805	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	63735	20.328	ug/l	99
36) 1,1-Dichloropropene	5.702	75	51765	19.912	ug/l	99
37) Ethyl Acetate	4.727	43	62607	19.289	ug/l	95
38) Carbon Tetrachloride	5.684	117	57026	20.151	ug/l	95
39) Methylcyclohexane	7.385	83	60533	19.886	ug/l	98
40) Benzene	6.050	78	152384	20.498	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	33824	20.179	ug/l	93
42) 1,2-Dichloroethane	6.098	62	59118	18.936	ug/l	95
43) Isopropyl Acetate	6.355	43	93430	18.934	ug/l	95
44) Trichloroethene	7.129	130	39875	19.496	ug/l	99
45) 1,2-Dichloropropane	7.440	63	38974	20.321	ug/l	96
46) Dibromomethane	7.586	93	27384	19.041	ug/l	98
47) Bromodichloromethane	7.830	83	48728	18.488	ug/l	96
48) Methyl methacrylate	7.696	41	45582	18.655	ug/l	89
49) 1,4-Dioxane	7.665	88	21677	387.331	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	279400	85.767	ug/l	90
52) Toluene	8.720	92	83572	17.403	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	51574	17.264	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	54218	17.849	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	36284	18.273	ug/l	98
56) Ethyl methacrylate	9.122	69	54796	17.339	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	59524	17.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	127893	81.984	ug/l	97
59) 2-Hexanone	9.433	43	244956	95.482	ug/l	89
60) Dibromochloromethane	9.525	129	39718	18.397	ug/l	99
61) 1,2-Dibromoethane	9.616	107	43224	19.829	ug/l	99
64) Tetrachloroethene	9.275	164	32947	18.825	ug/l	92
65) Chlorobenzene	10.079	112	106773	20.268	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	38705	19.714	ug/l	98
67) Ethyl Benzene	10.195	91	187884	20.148	ug/l	100
68) m/p-Xylenes	10.305	106	146912	41.083	ug/l	100
69) o-Xylene	10.646	106	72123	20.396	ug/l	99
70) Styrene	10.659	104	119096	20.142	ug/l	98
71) Bromoform	10.805	173	28767	18.352	ug/l #	100
73) Isopropylbenzene	10.963	105	190245	21.397	ug/l	100
74) N-amyl acetate	10.848	43	80532	19.691	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	65492	20.828	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	58591m	20.514	ug/l	
77) Bromobenzene	11.201	156	47004	20.545	ug/l	97
78) n-propylbenzene	11.305	91	214790	20.665	ug/l	99
79) 2-Chlorotoluene	11.366	91	134841	21.297	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	161585	21.273	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	17170	17.863	ug/l	89
82) 4-Chlorotoluene	11.457	91	151290	20.308	ug/l	100
83) tert-Butylbenzene	11.719	119	161241	21.174	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	164182	21.739	ug/l	98
85) sec-Butylbenzene	11.890	105	200196	21.369	ug/l	100
86) p-Isopropyltoluene	12.012	119	167427	20.958	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	86707	19.900	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	88005	19.553	ug/l	98
89) n-Butylbenzene	12.335	91	139934	19.783	ug/l	97
90) Hexachloroethane	12.542	117	25555	19.454	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	87361	20.281	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14005	18.446	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	46558	16.977	ug/l	98
94) Hexachlorobutadiene	13.725	225	22644	18.050	ug/l	98
95) Naphthalene	13.780	128	171775	19.569	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49385	17.573	ug/l	98

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

