

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023755.D
 Acq On : 17 Aug 2021 10:16
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:55:50 PM

Quant Time: Aug 17 11:17:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:13:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	207613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	334195	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52410	18.287	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.580%#		
35) Dibromofluoromethane	5.397	113	39205	17.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	35.940%#		
50) Toluene-d8	8.653	98	148665	16.741	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	33.480%#		
62) 4-Bromofluorobenzene	11.085	95	52854	17.980	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	35.960%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	39140	17.863	ug/l	100
3) Chloromethane	1.295	50	43189	17.665	ug/l	100
4) Vinyl Chloride	1.374	62	42601	18.171	ug/l	97
5) Bromomethane	1.605	94	29386	18.603	ug/l	95
6) Chloroethane	1.685	64	26933	15.793	ug/l	95
7) Trichlorofluoromethane	1.886	101	66780	18.146	ug/l	100
8) Diethyl Ether	2.142	74	23319	18.233	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	37508	17.845	ug/l	96
10) Methyl Iodide	2.459	142	51323	18.190	ug/l	96
11) Tert butyl alcohol	2.977	59	52882	89.055	ug/l	99
12) 1,1-Dichloroethene	2.325	96	36183	18.217	ug/l	99
13) Acrolein	2.239	56	31742	88.687	ug/l	97
14) Allyl chloride	2.666	41	64061	17.619	ug/l	90
15) Acrylonitrile	3.075	53	119035	91.319	ug/l	98
16) Acetone	2.386	43	119759	88.791	ug/l	90
17) Carbon Disulfide	2.514	76	80475	17.792	ug/l	99
18) Methyl Acetate	2.715	43	57936	17.720	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	125060	18.496	ug/l	98
20) Methylene Chloride	2.794	84	42486	16.575	ug/l #	90
21) trans-1,2-Dichloroethene	3.099	96	38183	18.143	ug/l	96
22) Diisopropyl ether	3.770	45	128781	18.140	ug/l	91
23) Vinyl Acetate	3.733	43	531355	93.172	ug/l	94
24) 1,1-Dichloroethane	3.617	63	72517	17.980	ug/l	97
25) 2-Butanone	4.568	43	177053	91.084	ug/l	92
26) 2,2-Dichloropropane	4.483	77	58781	17.950	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	45213	17.932	ug/l	99
28) Bromochloromethane	4.910	49	34863	19.752	ug/l	91
29) Tetrahydrofuran	5.019	42	113843	91.222	ug/l	89
30) Chloroform	5.105	83	76242	17.853	ug/l	96
31) Cyclohexane	5.477	56	64870	17.725	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	64838	18.111	ug/l	97
36) 1,1-Dichloropropene	5.702	75	55518	18.260	ug/l	98
37) Ethyl Acetate	4.727	43	66748	17.717	ug/l #	94
38) Carbon Tetrachloride	5.690	117	54678	17.527	ug/l	97
39) Methylcyclohexane	7.385	83	66326	17.996	ug/l	96
40) Benzene	6.050	78	160837	17.690	ug/l	99

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41) Methacrylonitrile	4.934	41	35943	17.699	ug/l	91
42) 1,2-Dichloroethane	6.099	62	64257	18.121	ug/l	95
43) Isopropyl Acetate	6.355	43	104057	18.049	ug/l	92
44) Trichloroethene	7.135	130	44057	17.503	ug/l	98
45) 1,2-Dichloropropane	7.440	63	42633	17.708	ug/l	98
46) Dibromomethane	7.586	93	30204	18.186	ug/l	97
47) Bromodichloromethane	7.830	83	52385	18.072	ug/l	99
48) Methyl methacrylate	7.702	41	51538	18.578	ug/l	84
49) 1,4-Dioxane	7.665	88	22167	355.348	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	348053	91.487	ug/l	90
52) Toluene	8.720	92	103000	17.826	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	58989	18.484	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	64778	18.568	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	42883	18.021	ug/l	97
56) Ethyl methacrylate	9.122	69	66286	18.511	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	71431	18.030	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	176557	94.434	ug/l	97
59) 2-Hexanone	9.433	43	279229	95.304	ug/l	86
60) Dibromochloromethane	9.525	129	40567	18.794	ug/l	98
61) 1,2-Dibromoethane	9.616	107	45362	18.297	ug/l	98
64) Tetrachloroethene	9.275	164	44277	17.654	ug/l	91
65) Chlorobenzene	10.086	112	113881	17.905	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40465	18.472	ug/l	99
67) Ethyl Benzene	10.195	91	199399	18.261	ug/l	98
68) m/p-Xylenes	10.305	106	149991	36.405	ug/l	98
69) o-Xylene	10.647	106	74186	18.308	ug/l	100
70) Styrene	10.659	104	121098	18.732	ug/l	97
71) Bromoform	10.805	173	27148	18.471	ug/l #	98
73) Isopropylbenzene	10.964	105	191340	18.037	ug/l	98
74) N-amyl acetate	10.848	43	88426	18.514	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	64410	17.952	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	61214m	16.449	ug/l	
77) Bromobenzene	11.201	156	49251	18.659	ug/l	93
78) n-propylbenzene	11.305	91	221326	18.362	ug/l	100
79) 2-Chlorotoluene	11.366	91	133021	18.074	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	159345	18.390	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	18634	18.994	ug/l #	84
82) 4-Chlorotoluene	11.457	91	151769	18.332	ug/l	100
83) tert-Butylbenzene	11.719	119	155357	18.436	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	161036	18.597	ug/l	99
85) sec-Butylbenzene	11.896	105	198994	18.805	ug/l	100
86) p-Isopropyltoluene	12.012	119	163225	18.913	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	85290	17.926	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	84151	17.766	ug/l	96
89) n-Butylbenzene	12.335	91	142966	18.580	ug/l	97
90) Hexachloroethane	12.543	117	23983	18.876	ug/l	91
91) 1,2-Dichlorobenzene	12.341	146	84292	18.219	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12621	19.082	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	49024	18.476	ug/l	98
94) Hexachlorobutadiene	13.725	225	22479	18.169	ug/l	98
95) Naphthalene	13.780	128	166052	19.775	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	49458	18.844	ug/l	98

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

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