

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044903.D
 Acq On : 27 Sep 2021 20:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 7:04:54 PM

Quant Time: Sep 28 06:29:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 25 09:30:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	145276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	264256	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	254486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	135441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	111595	44.014	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.020%	
35) Dibromofluoromethane	5.292	113	78823	43.480	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.960%	
50) Toluene-d8	7.902	98	304251	44.438	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.880%	
62) 4-Bromofluorobenzene	10.635	95	126360	49.689	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.380%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	97907	56.272	ug/l	99
3) Chloromethane	1.517	50	116772	44.224	ug/l	99
4) Vinyl Chloride	1.607	62	129796	52.669	ug/l	100
5) Bromomethane	1.832	94	47145	38.256	ug/l	98
6) Chloroethane	1.912	64	87775	53.100	ug/l	100
7) Trichlorofluoromethane	2.128	101	168059	55.530	ug/l	100
8) Diethyl Ether	2.378	74	78287	56.507	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.578	101	93641	52.982	ug/l	99
10) Methyl Iodide	2.723	142	102848	53.552	ug/l	98
11) Tert butyl alcohol	3.221	59	182510	246.624	ug/l	100
12) 1,1-Dichloroethene	2.578	96	94347	53.938	ug/l	95
13) Acrolein	2.488	56	51272	256.544	ug/l	99
14) Allyl chloride	2.922	41	175418	51.668	ug/l	96
15) Acrylonitrile	3.317	53	381746	246.951	ug/l	99
16) Acetone	2.629	43	331039	231.468	ug/l	100
17) Carbon Disulfide	2.790	76	271092	55.092	ug/l	99
18) Methyl Acetate	2.948	43	226078	47.316	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	372627	57.049	ug/l	99
20) Methylene Chloride	3.047	84	115886	50.056	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	102948	54.969	ug/l	95
22) Diisopropyl ether	3.996	45	355752	53.033	ug/l	97
23) Vinyl Acetate	3.957	43	1488839	270.646	ug/l	98
24) 1,1-Dichloroethane	3.874	63	206094	52.931	ug/l	99
25) 2-Butanone	4.706	43	536350	247.164	ug/l	97
26) 2,2-Dichloropropane	4.668	77	157398	53.905	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	121306	53.256	ug/l	98
28) Bromochloromethane	4.976	49	73056	39.484	ug/l	97
29) Tetrahydrofuran	5.054	42	336408	246.417	ug/l	95
30) Chloroform	5.092	83	202774	51.794	ug/l	100
31) Cyclohexane	5.391	56	191277	52.546	ug/l	95
32) 1,1,1-Trichloroethane	5.317	97	169471	53.575	ug/l	99
36) 1,1-Dichloropropene	5.529	75	151982	54.206	ug/l	99
37) Ethyl Acetate	4.806	43	196253	47.704	ug/l	98
38) Carbon Tetrachloride	5.526	117	132559	52.884	ug/l	98
39) Methylcyclohexane	6.767	83	188114	59.320	ug/l	96
40) Benzene	5.777	78	448846	52.507	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	105968	51.603	ug/l	97
42) 1,2-Dichloroethane	5.796	62	175104	52.068	ug/l	99
43) Isopropyl Acetate	5.915	43	301918	52.456	ug/l	98
44) Trichloroethene	6.542	130	105754	51.475	ug/l	99
45) 1,2-Dichloropropane	6.793	63	118920	51.402	ug/l	97
46) Dibromomethane	6.922	93	81058	52.876	ug/l	100
47) Bromodichloromethane	7.108	83	156111	51.626	ug/l	100
48) Methyl methacrylate	6.964	41	147376	54.249	ug/l	95
49) 1,4-Dioxane	6.973	88	75817	1091.981	ug/l	94
51) 4-Methyl-2-Pentanone	7.796	43	1092054	266.220	ug/l	99
52) Toluene	7.973	92	281409	55.062	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	177949	56.485	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	190340	55.789	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	115239	52.739	ug/l	99
56) Ethyl methacrylate	8.336	69	209807	53.757	ug/l	99
57) 1,3-Dichloropropane	8.578	76	205180	52.734	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	336964	349.634	ug/l	98
59) 2-Hexanone	8.690	43	901788	273.877	ug/l	98
60) Dibromochloromethane	8.812	129	111831	53.445	ug/l	99
61) 1,2-Dibromoethane	8.928	107	123799	53.958	ug/l	100
64) Tetrachloroethene	8.555	164	91797	53.217	ug/l	99
65) Chlorobenzene	9.449	112	286157	54.165	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	100072	53.107	ug/l	99
67) Ethyl Benzene	9.574	91	544096	57.701	ug/l	100
68) m/p-Xylenes	9.697	106	423148	117.328	ug/l	100
69) o-Xylene	10.105	106	208979	59.924	ug/l	98
70) Styrene	10.118	104	354815	54.346	ug/l	99
71) Bromoform	10.295	173	86952	55.769	ug/l #	98
73) Isopropylbenzene	10.488	105	540363	56.212	ug/l	99
74) N-amyl acetate	10.324	43	289636	59.114	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	231625	52.889	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	217664m	53.071	ug/l	
77) Bromobenzene	10.787	156	126106	54.909	ug/l	99
78) n-propylbenzene	10.909	91	666185	57.193	ug/l	100
79) 2-Chlorotoluene	10.989	91	399113	56.220	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	480078	58.958	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	74218	58.621	ug/l	100
82) 4-Chlorotoluene	11.098	91	463746	57.379	ug/l	99
83) tert-Butylbenzene	11.423	119	457098	58.191	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	481085	59.929	ug/l	99
85) sec-Butylbenzene	11.648	105	600665	59.135	ug/l	100
86) p-Isopropyltoluene	11.796	119	499040	60.392	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	244552	54.871	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	251138	54.488	ug/l	99
89) n-Butylbenzene	12.211	91	472019	55.316	ug/l	99
90) Hexachloroethane	12.481	117	83745	56.242	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	255496	54.095	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	60429	56.904	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	154279	59.115	ug/l	99
94) Hexachlorobutadiene	14.024	225	60123	51.785	ug/l	98
95) Naphthalene	14.089	128	601931	57.793	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	155068	58.432	ug/l	99

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

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