

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044908.D
 Acq On : 27 Sep 2021 23:57
 Operator : SY/MD
 Sample : VU0927WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0927WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 1:33:45 PM

Quant Time: Sep 28 06:30:06 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	5.379	168	148077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	272645	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	253838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	130056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	116840	45.211	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.420%	
35) Dibromofluoromethane	5.295	113	82593	44.158	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.320%	
50) Toluene-d8	7.899	98	310757	43.991	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.980%	
62) 4-Bromofluorobenzene	10.636	95	122400	46.651	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.300%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	30356	17.117	ug/l	97
3) Chloromethane	1.520	50	36258	13.472	ug/l	99
4) Vinyl Chloride	1.607	62	37535	14.943	ug/l	99
5) Bromomethane	1.842	94	18127	11.231	ug/l	99
6) Chloroethane	1.912	64	28737	16.802	ug/l	99
7) Trichlorofluoromethane	2.128	101	56081	18.180	ug/l	100
8) Diethyl Ether	2.379	74	26668	18.885	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.578	101	31970	17.747	ug/l	99
10) Methyl Iodide	2.723	142	28201	14.406	ug/l	99
11) Tert butyl alcohol	3.266	59	69852m	92.605	ug/l	
12) 1,1-Dichloroethene	2.578	96	30100	16.883	ug/l	95
13) Acrolein	2.491	56	18566	90.979	ug/l	99
14) Allyl chloride	2.922	41	57250	16.543	ug/l	96
15) Acrylonitrile	3.321	53	135451	85.965	ug/l	99
16) Acetone	2.636	43	117671	80.721	ug/l	98
17) Carbon Disulfide	2.790	76	66030	13.165	ug/l	100
18) Methyl Acetate	2.954	43	81051	16.642	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	131352	19.729	ug/l	99
20) Methylene Chloride	3.047	84	40028	16.963	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	31832	16.675	ug/l	96
22) Diisopropyl ether	3.999	45	124949	18.274	ug/l	97
23) Vinyl Acetate	3.961	43	504093	89.902	ug/l	98
24) 1,1-Dichloroethane	3.874	63	70857	17.854	ug/l	99
25) 2-Butanone	4.713	43	191506	86.582	ug/l	98
26) 2,2-Dichloropropane	4.668	77	50797	17.068	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	40268	17.344	ug/l	99
28) Bromochloromethane	4.977	49	27838	14.761	ug/l	94
29) Tetrahydrofuran	5.057	42	118177	84.926	ug/l	95
30) Chloroform	5.092	83	71365	17.884	ug/l	99
31) Cyclohexane	5.388	56	60322	16.258	ug/l	93
32) 1,1,1-Trichloroethane	5.317	97	57880	17.952	ug/l	99
36) 1,1-Dichloropropene	5.530	75	48196	16.661	ug/l	98
37) Ethyl Acetate	4.809	43	70482	16.605	ug/l	98
38) Carbon Tetrachloride	5.526	117	43785	16.930	ug/l	99
39) Methylcyclohexane	6.764	83	54361	16.615	ug/l	97
40) Benzene	5.777	78	148849	16.877	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	36956	17.443	ug/l	97
42) 1,2-Dichloroethane	5.797	62	61537	17.735	ug/l	99
43) Isopropyl Acetate	5.919	43	107385	18.083	ug/l	99
44) Trichloroethene	6.546	130	34896	16.463	ug/l	99
45) 1,2-Dichloropropane	6.793	63	41391	17.341	ug/l	94
46) Dibromomethane	6.922	93	27912	17.647	ug/l	99
47) Bromodichloromethane	7.108	83	55197	17.692	ug/l	98
48) Methyl methacrylate	6.967	41	49362	17.611	ug/l	95
49) 1,4-Dioxane	6.986	88	30007	418.888	ug/l	94
51) 4-Methyl-2-Pentanone	7.800	43	390802	92.338	ug/l	99
52) Toluene	7.973	92	93712	17.772	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	58671	18.050	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	62828	17.849	ug/l	100
55) 1,1,2-Trichloroethane	8.404	97	41632	18.467	ug/l	99
56) Ethyl methacrylate	8.340	69	70764	18.843	ug/l	99
57) 1,3-Dichloropropane	8.578	76	72374	18.029	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	102649	119.641	ug/l	97
59) 2-Hexanone	8.694	43	319734	94.117	ug/l	98
60) Dibromochloromethane	8.813	129	38438	17.805	ug/l	100
61) 1,2-Dibromoethane	8.928	107	42601	17.997	ug/l	99
64) Tetrachloroethene	8.555	164	29593	17.200	ug/l	99
65) Chlorobenzene	9.449	112	98278	18.650	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	34438	18.322	ug/l	98
67) Ethyl Benzene	9.571	91	179768	19.113	ug/l	100
68) m/p-Xylenes	9.697	106	136759	38.017	ug/l	98
69) o-Xylene	10.102	106	70500	20.267	ug/l	99
70) Styrene	10.118	104	114241	18.227	ug/l	99
71) Bromoform	10.298	173	29356	18.876	ug/l #	100
73) Isopropylbenzene	10.488	105	182507	19.772	ug/l	99
74) N-amyl acetate	10.324	43	97045	20.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	82856	19.702	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	80140m	20.349	ug/l	
77) Bromobenzene	10.787	156	42546	19.292	ug/l	99
78) n-propylbenzene	10.909	91	213864	19.121	ug/l	100
79) 2-Chlorotoluene	10.989	91	133575	19.595	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	154488	19.758	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	23516	19.343	ug/l	98
82) 4-Chlorotoluene	11.099	91	153171	19.737	ug/l	100
83) tert-Butylbenzene	11.423	119	156062	20.690	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	157022	20.370	ug/l	99
85) sec-Butylbenzene	11.648	105	196736	20.170	ug/l	100
86) p-Isopropyltoluene	11.796	119	159314	20.078	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	82088	19.181	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	84772	19.154	ug/l	98
89) n-Butylbenzene	12.211	91	141302	18.123	ug/l	100
90) Hexachloroethane	12.478	117	28133	19.676	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	87929	19.388	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	20089	19.701	ug/l	98
93) 1,2,4-Trichlorobenzene	13.844	180	49030	19.565	ug/l	98
94) Hexachlorobutadiene	14.025	225	19973	17.915	ug/l	99
95) Naphthalene	14.089	128	193508	19.976	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	49757	19.525	ug/l	99

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

