

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092721\
 Data File : VU044907.D
 Acq On : 27 Sep 2021 23:33
 Operator : SY/MD
 Sample : VU0927WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0927WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 1:33:42 PM

Quant Time: Sep 28 06:29:48 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	142658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	260838	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	242161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	120641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	124072	49.833	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.660%	
35) Dibromofluoromethane	5.295	113	87212	48.738	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.480%	
50) Toluene-d8	7.902	98	331412	49.039	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.080%	
62) 4-Bromofluorobenzene	10.636	95	128144	51.051	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	28596	16.737	ug/l	97
3) Chloromethane	1.520	50	34825	13.431	ug/l	98
4) Vinyl Chloride	1.607	62	35776	14.784	ug/l	100
5) Bromomethane	1.845	94	18888	12.566	ug/l	94
6) Chloroethane	1.916	64	26180	15.868	ug/l	98
7) Trichlorofluoromethane	2.128	101	53277	17.927	ug/l	98
8) Diethyl Ether	2.379	74	24511	18.017	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.578	101	30499	17.573	ug/l	98
10) Methyl Iodide	2.723	142	25200	13.362	ug/l	98
11) Tert butyl alcohol	3.272	59	64708m	89.044	ug/l	
12) 1,1-Dichloroethene	2.578	96	28220	16.429	ug/l	96
13) Acrolein	2.488	56	16755	85.208	ug/l	99
14) Allyl chloride	2.925	41	54834	16.447	ug/l	98
15) Acrylonitrile	3.321	53	129338	85.204	ug/l	100
16) Acetone	2.636	43	113421	80.761	ug/l	99
17) Carbon Disulfide	2.790	76	62783	12.993	ug/l	99
18) Methyl Acetate	2.954	43	78208	16.669	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	125359	19.544	ug/l	100
20) Methylene Chloride	3.047	84	38016	16.722	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	30695	16.690	ug/l	95
22) Diisopropyl ether	3.999	45	119033	18.070	ug/l	96
23) Vinyl Acetate	3.961	43	479520	88.769	ug/l	99
24) 1,1-Dichloroethane	3.874	63	67284	17.598	ug/l	99
25) 2-Butanone	4.713	43	179688	84.325	ug/l	98
26) 2,2-Dichloropropane	4.671	77	48073	16.766	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	39575	17.693	ug/l	97
28) Bromochloromethane	4.980	49	29744	16.370	ug/l	95
29) Tetrahydrofuran	5.057	42	110779	82.634	ug/l	94
30) Chloroform	5.092	83	68522	17.824	ug/l	98
31) Cyclohexane	5.391	56	56397	15.777	ug/l	90
32) 1,1,1-Trichloroethane	5.321	97	55576	17.892	ug/l	100
36) 1,1-Dichloropropene	5.530	75	45645	16.493	ug/l	100
37) Ethyl Acetate	4.809	43	65301	16.081	ug/l	98
38) Carbon Tetrachloride	5.526	117	41557	16.796	ug/l	98
39) Methylcyclohexane	6.764	83	52310	16.712	ug/l	98
40) Benzene	5.777	78	142815	16.926	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	34658	17.099	ug/l	96
42) 1,2-Dichloroethane	5.796	62	57808	17.415	ug/l	100
43) Isopropyl Acetate	5.919	43	101452	17.857	ug/l	99
44) Trichloroethene	6.546	130	32850	16.199	ug/l	99
45) 1,2-Dichloropropane	6.793	63	39145	17.142	ug/l	96
46) Dibromomethane	6.922	93	25955	17.153	ug/l	98
47) Bromodichloromethane	7.108	83	52095	17.454	ug/l	99
48) Methyl methacrylate	6.967	41	47407	17.679	ug/l	95
49) 1,4-Dioxane	6.989	88	26801	391.069	ug/l	97
51) 4-Methyl-2-Pentanone	7.800	43	359958	88.900	ug/l	99
52) Toluene	7.973	92	89921	17.825	ug/l	98
53) t-1,3-Dichloropropene	8.214	75	56130	18.050	ug/l	97
54) cis-1,3-Dichloropropene	7.610	75	58508	17.374	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	37637	17.450	ug/l	97
56) Ethyl methacrylate	8.337	69	66524	18.548	ug/l	98
57) 1,3-Dichloropropane	8.578	76	68568	17.854	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	102709	124.062	ug/l	98
59) 2-Hexanone	8.693	43	291872	89.804	ug/l	98
60) Dibromochloromethane	8.812	129	36436	17.641	ug/l	99
61) 1,2-Dibromoethane	8.928	107	39649	17.508	ug/l	97
64) Tetrachloroethene	8.555	164	28894	17.603	ug/l	99
65) Chlorobenzene	9.449	112	92077	18.316	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	33126	18.474	ug/l	98
67) Ethyl Benzene	9.574	91	169674	18.910	ug/l	99
68) m/p-Xylenes	9.697	106	127688	37.207	ug/l	98
69) o-Xylene	10.105	106	65362	19.696	ug/l	99
70) Styrene	10.118	104	107273	17.957	ug/l	99
71) Bromoform	10.295	173	26825	18.081	ug/l #	100
73) Isopropylbenzene	10.488	105	169828	19.834	ug/l	99
74) N-amyl acetate	10.324	43	89788	20.574	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	75682	19.401	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	72866m	19.946	ug/l	
77) Bromobenzene	10.787	156	39852	19.481	ug/l	99
78) n-propylbenzene	10.909	91	200937	19.367	ug/l	100
79) 2-Chlorotoluene	10.989	91	122890	19.434	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	144581	19.934	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	21274	18.865	ug/l	100
82) 4-Chlorotoluene	11.099	91	141040	19.592	ug/l	100
83) tert-Butylbenzene	11.423	119	143747	20.545	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	146552	20.496	ug/l	99
85) sec-Butylbenzene	11.648	105	182968	20.223	ug/l	99
86) p-Isopropyltoluene	11.796	119	148211	20.136	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	75382	18.989	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	75387	18.363	ug/l	97
89) n-Butylbenzene	12.211	91	127350	17.644	ug/l	99
90) Hexachloroethane	12.478	117	25834	19.478	ug/l	94
91) 1,2-Dichlorobenzene	12.214	146	79252	18.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	18350	19.400	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	44588	19.181	ug/l	99
94) Hexachlorobutadiene	14.024	225	17935	17.343	ug/l	98
95) Naphthalene	14.089	128	176776	19.687	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	46130	19.515	ug/l	99

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

