

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092521\
 Data File : VU044859.D
 Acq On : 26 Sep 2021 00:46
 Operator : SY/MD
 Sample : VU0925WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0925WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:03:15 AM

Quant Time: Sep 27 02:53:14 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	5.378	168	142109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	265456	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	248011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	118157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	136629	55.088	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.180%	
35) Dibromofluoromethane	5.295	113	94195	51.725	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.440%	
50) Toluene-d8	7.902	98	357425	51.968	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.940%	
62) 4-Bromofluorobenzene	10.635	95	128397	50.262	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.520%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	33911	19.925	ug/l	98
3) Chloromethane	1.520	50	44957	17.406	ug/l	99
4) Vinyl Chloride	1.607	62	47892	19.867	ug/l	100
5) Bromomethane	1.851	94	33580	26.459	ug/l	100
6) Chloroethane	1.932	64	32209	19.686	ug/l	96
7) Trichlorofluoromethane	2.141	101	60112	20.305	ug/l	98
8) Diethyl Ether	2.382	74	27834	20.538	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.584	101	34032	19.685	ug/l	99
10) Methyl Iodide	2.726	142	29405	15.652	ug/l	97
11) Tert butyl alcohol	3.202	59	67062	92.640	ug/l	99
12) 1,1-Dichloroethene	2.584	96	33097	19.343	ug/l	99
13) Acrolein	2.491	56	18377	93.843	ug/l	97
14) Allyl chloride	2.928	41	62442	18.802	ug/l	98
15) Acrylonitrile	3.321	53	150499	99.527	ug/l	99
16) Acetone	2.633	43	136449	97.533	ug/l	99
17) Carbon Disulfide	2.797	76	86823	18.038	ug/l	100
18) Methyl Acetate	2.954	43	90426	19.347	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	134986	21.127	ug/l	98
20) Methylene Chloride	3.051	84	45268	19.989	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	36273	19.800	ug/l	96
22) Diisopropyl ether	3.999	45	133963	20.415	ug/l	94
23) Vinyl Acetate	3.960	43	542128	100.746	ug/l	99
24) 1,1-Dichloroethane	3.877	63	77793	20.425	ug/l	100
25) 2-Butanone	4.710	43	208631	98.285	ug/l	100
26) 2,2-Dichloropropane	4.671	77	49316	17.266	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	43149	19.366	ug/l	99
28) Bromochloromethane	4.980	49	29588	16.347	ug/l	100
29) Tetrahydrofuran	5.057	42	133250	99.780	ug/l	98
30) Chloroform	5.092	83	76707	20.030	ug/l	97
31) Cyclohexane	5.391	56	66836	18.770	ug/l	94
32) 1,1,1-Trichloroethane	5.321	97	62282	20.128	ug/l	99
36) 1,1-Dichloropropene	5.530	75	53656	19.050	ug/l	98
37) Ethyl Acetate	4.809	43	77833	18.834	ug/l	98
38) Carbon Tetrachloride	5.530	117	47201	18.745	ug/l	99
39) Methylcyclohexane	6.767	83	59303	18.616	ug/l	99
40) Benzene	5.777	78	164784	19.190	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	40005	19.393	ug/l	98
42) 1,2-Dichloroethane	5.800	62	66970	19.824	ug/l	98
43) Isopropyl Acetate	5.919	43	110253	19.069	ug/l	100
44) Trichloroethene	6.546	130	37896	18.362	ug/l	99
45) 1,2-Dichloropropane	6.796	63	44477	19.138	ug/l	93
46) Dibromomethane	6.922	93	29442	19.119	ug/l	99
47) Bromodichloromethane	7.111	83	58139	19.140	ug/l	99
48) Methyl methacrylate	6.964	41	52089	19.087	ug/l	96
49) 1,4-Dioxane	6.980	88	26356	377.886	ug/l	96
51) 4-Methyl-2-Pentanone	7.796	43	391801	95.081	ug/l	99
52) Toluene	7.973	92	100036	19.485	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	58846	18.595	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	64708	18.880	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	42685	19.447	ug/l	97
56) Ethyl methacrylate	8.336	69	68021	18.627	ug/l	99
57) 1,3-Dichloropropane	8.578	76	76265	19.512	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	122344	141.239	ug/l	98
59) 2-Hexanone	8.687	43	310205	93.785	ug/l	100
60) Dibromochloromethane	8.812	129	39477	18.781	ug/l	97
61) 1,2-Dibromoethane	8.928	107	43872	19.035	ug/l	99
64) Tetrachloroethene	8.555	164	33032	19.649	ug/l	99
65) Chlorobenzene	9.449	112	100471	19.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	35518	19.341	ug/l	98
67) Ethyl Benzene	9.574	91	182658	19.876	ug/l	100
68) m/p-Xylenes	9.697	106	139585	39.714	ug/l	98
69) o-Xylene	10.105	106	68155	20.053	ug/l	98
70) Styrene	10.118	104	113776	18.560	ug/l	99
71) Bromoform	10.295	173	27595	18.161	ug/l #	98
73) Isopropylbenzene	10.488	105	177035	21.110	ug/l	99
74) N-amyl acetate	10.324	43	89903	21.033	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	74982	19.626	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	71809m	20.070	ug/l	
77) Bromobenzene	10.787	156	41168	20.547	ug/l	99
78) n-propylbenzene	10.909	91	215658	21.223	ug/l	99
79) 2-Chlorotoluene	10.989	91	131716	21.268	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	152295	21.439	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	19716	17.851	ug/l	95
82) 4-Chlorotoluene	11.098	91	150076	21.285	ug/l	99
83) tert-Butylbenzene	11.423	119	144947	21.152	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	152499	21.776	ug/l	99
85) sec-Butylbenzene	11.648	105	192064	21.674	ug/l	100
86) p-Isopropyltoluene	11.796	119	152017	21.088	ug/l	98
87) 1,3-Dichlorobenzene	11.748	146	77155	19.844	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	78369	19.491	ug/l	98
89) n-Butylbenzene	12.211	91	132863	18.712	ug/l	99
90) Hexachloroethane	12.478	117	26355	20.289	ug/l	91
91) 1,2-Dichlorobenzene	12.214	146	79509	19.297	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	19240	20.768	ug/l	93
93) 1,2,4-Trichlorobenzene	13.844	180	44745	19.653	ug/l	99
94) Hexachlorobutadiene	14.024	225	18173	17.942	ug/l	98
95) Naphthalene	14.089	128	169087	19.249	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	47095	20.342	ug/l	99

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

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