

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061621\
 Data File : VU044233.D
 Acq On : 16 Jun 2021 12:15
 Operator : SY/MD
 Sample : VU0616WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0616WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 9:22:05 AM

Quant Time: Jun 17 04:54:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.385	168	199559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	336203	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	320585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	173528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	134013	42.229	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.460%	
35) Dibromofluoromethane	5.298	113	110905	47.421	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.840%	
50) Toluene-d8	7.906	98	416763	46.401	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.800%	
62) 4-Bromofluorobenzene	10.639	95	166581	46.279	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.560%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.392	85	45658	16.219	ug/l	98
3) Chloromethane	1.524	50	52963	15.481	ug/l	98
4) Vinyl Chloride	1.610	62	54254	16.154	ug/l	99
5) Bromomethane	1.864	94	30768	22.201	ug/l	99
6) Chloroethane	1.938	64	29894	15.029	ug/l	98
7) Trichlorofluoromethane	2.144	101	68071	16.849	ug/l	99
8) Diethyl Ether	2.385	74	28900	17.487	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.591	101	43005	17.474	ug/l	95
10) Methyl Iodide	2.733	142	53209	18.743	ug/l	97
11) Tert butyl alcohol	3.241	59	73338m	85.905	ug/l	
12) 1,1-Dichloroethene	2.588	96	43409	17.693	ug/l	94
13) Acrolein	2.498	56	24563	50.793	ug/l	97
14) Allyl chloride	2.932	41	75836	16.564	ug/l	97
15) Acrylonitrile	3.327	53	164425	93.146	ug/l	100
16) Acetone	2.649	43	178791	107.897	ug/l	96
17) Carbon Disulfide	2.803	76	127415	16.173	ug/l	99
18) Methyl Acetate	2.961	43	76296	18.690	ug/l	96
19) Methyl tert-butyl Ether	3.376	73	139667	18.642	ug/l	99
20) Methylene Chloride	3.057	84	58760	19.823	ug/l	95
21) trans-1,2-Dichloroethene	3.363	96	48864	18.030	ug/l	95
22) Diisopropyl ether	4.006	45	136875	17.366	ug/l #	85
23) Vinyl Acetate	3.967	43	648222	86.665	ug/l	97
24) 1,1-Dichloroethane	3.884	63	88589	16.913	ug/l	98
25) 2-Butanone	4.720	43	245303	92.609	ug/l	97
26) 2,2-Dichloropropane	4.678	77	72268	17.470	ug/l	99
27) cis-1,2-Dichloroethene	4.678	96	55176	18.250	ug/l	96
28) Bromochloromethane	4.983	49	43324	17.338	ug/l	89
29) Tetrahydrofuran	5.067	42	137144	95.247	ug/l	96
30) Chloroform	5.099	83	89060	17.410	ug/l	98
31) Cyclohexane	5.398	56	75577	16.875	ug/l	93
32) 1,1,1-Trichloroethane	5.327	97	73714	17.332	ug/l	98
36) 1,1-Dichloropropene	5.536	75	67169	17.957	ug/l	98
37) Ethyl Acetate	4.816	43	85285	19.041	ug/l	98
38) Carbon Tetrachloride	5.533	117	62306	18.451	ug/l	100
39) Methylcyclohexane	6.771	83	74123	18.577	ug/l	96
40) Benzene	5.784	78	202249	18.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.987	41	43763	19.085	ug/l	96
42) 1,2-Dichloroethane	5.803	62	69418	17.748	ug/l	99
43) Isopropyl Acetate	5.922	43	120176	18.910	ug/l	98
44) Trichloroethene	6.552	130	51022	19.977	ug/l	95
45) 1,2-Dichloropropane	6.800	63	53862	17.891	ug/l	99
46) Dibromomethane	6.929	93	36417	18.765	ug/l	96
47) Bromodichloromethane	7.115	83	69556	18.216	ug/l	98
48) Methyl methacrylate	6.970	41	56377	18.230	ug/l	98
49) 1,4-Dioxane	7.015	88	33056	408.657	ug/l #	84
51) 4-Methyl-2-Pentanone	7.803	43	429968	93.478	ug/l	98
52) Toluene	7.977	92	129678	19.738	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	78989	18.906	ug/l	99
54) cis-1,3-Dichloropropene	7.617	75	86869	19.270	ug/l	96
55) 1,1,2-Trichloroethane	8.408	97	52710	19.102	ug/l	99
56) Ethyl methacrylate	8.343	69	82286	19.522	ug/l	98
57) 1,3-Dichloropropane	8.584	76	91947	18.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	123195	93.538	ug/l	98
59) 2-Hexanone	8.694	43	343871	93.677	ug/l	97
60) Dibromochloromethane	8.819	129	53920	19.649	ug/l	100
61) 1,2-Dibromoethane	8.932	107	57376	19.769	ug/l	98
64) Tetrachloroethene	8.562	164	46838	21.253	ug/l	98
65) Chlorobenzene	9.453	112	133382	19.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.543	131	46482	19.414	ug/l	100
67) Ethyl Benzene	9.578	91	241032	19.574	ug/l	98
68) m/p-Xylenes	9.700	106	187474	40.764	ug/l	98
69) o-Xylene	10.108	106	88736	20.349	ug/l	96
70) Styrene	10.121	104	151086	19.893	ug/l	99
71) Bromoform	10.298	173	40044	19.653	ug/l #	98
73) Isopropylbenzene	10.491	105	238066	20.487	ug/l	100
74) N-amyl acetate	10.330	43	97154	18.617	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	90597	17.910	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	109955	18.899	ug/l	99
77) Bromobenzene	10.790	156	58224	19.931	ug/l	94
78) n-propylbenzene	10.912	91	295109	19.514	ug/l	99
79) 2-Chlorotoluene	10.993	91	171686	19.162	ug/l	98
80) 1,3,5-Trimethylbenzene	11.096	105	208038	20.124	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.552	75	30202	18.818	ug/l	98
82) 4-Chlorotoluene	11.102	91	207991	19.656	ug/l	98
83) tert-Butylbenzene	11.427	119	193007	19.900	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	212655	20.474	ug/l	99
85) sec-Butylbenzene	11.652	105	257208	20.193	ug/l	99
86) p-Isopropyltoluene	11.800	119	227385	20.839	ug/l	99
87) 1,3-Dichlorobenzene	11.752	146	113268	19.753	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	115379	18.905	ug/l	99
89) n-Butylbenzene	12.214	91	214072	19.315	ug/l	100
90) Hexachloroethane	12.481	117	32106	18.592	ug/l	97
91) 1,2-Dichlorobenzene	12.221	146	110968	19.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	21284	18.602	ug/l	93
93) 1,2,4-Trichlorobenzene	13.848	180	75326	20.757	ug/l	99
94) Hexachlorobutadiene	14.028	225	40206	20.647	ug/l	99
95) Naphthalene	14.095	128	247352	21.965	ug/l	100
96) 1,2,3-Trichlorobenzene	14.337	180	73913	21.008	ug/l	99

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

