

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040921\
 Data File : VU042992.D
 Acq On : 08 Apr 2021 17:59
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 1:47:12 PM

Quant Time: Apr 09 06:24:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U040921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 09 06:22:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	103067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	160686	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	153694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	88145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	29629	17.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.82%	
35) Dibromofluoromethane	5.295	113	19883	16.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.30%	
50) Toluene-d8	7.906	98	73372	17.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.86%	
62) 4-Bromofluorobenzene	10.639	95	28167	16.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.94%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	19534	16.66	ug/l	93
3) Chloromethane	1.523	50	22381	17.16	ug/l	99
4) Vinyl Chloride	1.607	62	21125	17.81	ug/l #	83
5) Bromomethane	1.838	94	13107	16.30	ug/l	100
6) Chloroethane	1.925	64	14741	16.34	ug/l	92
7) Trichlorofluoromethane	2.137	101	35956	17.45	ug/l	100
8) Diethyl Ether	2.379	74	11777	18.08	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.588	101	18195	18.24	ug/l	99
10) Methyl Iodide	2.726	142	23692	17.60	ug/l	100
11) Tert butyl alcohol	3.205	59	42612m	114.32	ug/l	
12) 1,1-Dichloroethene	2.584	96	17506	18.65	ug/l	94
13) Acrolein	2.488	56	27383	155.30	ug/l	97
14) Allyl chloride	2.928	41	40085	19.19	ug/l	100
15) Acrylonitrile	3.317	53	85299	102.43	ug/l	100
16) Acetone	2.626	43	87841	92.67	ug/l	99
17) Carbon Disulfide	2.797	76	49703	18.73	ug/l	99
18) Methyl Acetate	2.951	43	41208	21.28	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	68204	18.96	ug/l	100
20) Methylene Chloride	3.051	84	21447	17.99	ug/l	96
21) trans-1,2-Dichloroethene	3.359	96	19726	18.61	ug/l	92
22) Diisopropyl ether	3.999	45	79083	18.97	ug/l	97
23) Vinyl Acetate	3.961	43	378051	96.62	ug/l	98
24) 1,1-Dichloroethane	3.877	63	39382	18.13	ug/l	99
25) 2-Butanone	4.706	43	139126	100.53	ug/l	97
26) 2,2-Dichloropropane	4.674	77	36284	19.06	ug/l	94
27) cis-1,2-Dichloroethene	4.671	96	23102	19.04	ug/l	100
28) Bromochloromethane	4.980	49	19860	18.57	ug/l	100
29) Tetrahydrofuran	5.057	42	86591	100.69	ug/l	97
30) Chloroform	5.096	83	41801	18.26	ug/l	96
31) Cyclohexane	5.395	56	37302	18.17	ug/l	95
32) 1,1,1-Trichloroethane	5.324	97	37840	18.63	ug/l	96
36) 1,1-Dichloropropene	5.533	75	29373	18.37	ug/l	98
37) Ethyl Acetate	4.806	43	51674	20.43	ug/l	99
38) Carbon Tetrachloride	5.533	117	32297	17.79	ug/l	95
39) Methylcyclohexane	6.771	83	32390	17.89	ug/l	98
40) Benzene	5.780	78	86231	18.06	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	27104	20.38	ug/l	99
42) 1,2-Dichloroethane	5.803	62	38847	18.88	ug/l	100
43) Isopropyl Acetate	5.915	43	72084	19.04	ug/l	99
44) Trichloroethene	6.549	130	21887	17.97	ug/l	97
45) 1,2-Dichloropropane	6.800	63	23911	18.79	ug/l	98
46) Dibromomethane	6.925	93	16828	18.53	ug/l	98
47) Bromodichloromethane	7.112	83	32834	17.88	ug/l	100
48) Methyl methacrylate	6.967	41	37724	20.52	ug/l	98
49) 1,4-Dioxane	6.973	88	15597	431.84	ug/l	99
51) 4-Methyl-2-Pentanone	7.800	43	275977	102.24	ug/l	99
52) Toluene	7.976	92	54174	18.55	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	36303	18.55	ug/l	96
54) cis-1,3-Dichloropropene	7.613	75	37596	18.35	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	23212	18.43	ug/l	98
56) Ethyl methacrylate	8.340	69	37762	19.27	ug/l	98
57) 1,3-Dichloropropane	8.584	76	39773	18.27	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	73714	141.65	ug/l	100
59) 2-Hexanone	8.693	43	228571	105.54	ug/l	99
60) Dibromochloromethane	8.816	129	25665	17.51	ug/l	99
61) 1,2-Dibromoethane	8.931	107	26215	18.20	ug/l	96
64) Tetrachloroethene	8.562	164	19514	16.30	ug/l	93
65) Chlorobenzene	9.452	112	59192	18.87	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	22378	17.92	ug/l	97
67) Ethyl Benzene	9.578	91	105680	18.73	ug/l	99
68) m/p-Xylenes	9.700	106	79234	38.23	ug/l	99
69) o-Xylene	10.108	106	38606	19.19	ug/l	99
70) Styrene	10.121	104	66412	19.50	ug/l	99
71) Bromoform	10.298	173	22414	18.74	ug/l #	100
73) Isopropylbenzene	10.491	105	106488	19.04	ug/l	99
74) N-amyl acetate	10.330	43	63764	19.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	47294	20.18	ug/l	97
76) 1,2,3-Trichloropropane	10.832	75	46069m	19.85	ug/l	
77) Bromobenzene	10.787	156	29297	18.96	ug/l	99
78) n-propylbenzene	10.912	91	127599	19.29	ug/l	98
79) 2-Chlorotoluene	10.992	91	77037	19.26	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	95411	19.56	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.555	75	13962	18.00	ug/l	92
82) 4-Chlorotoluene	11.102	91	92935	19.44	ug/l	99
83) tert-Butylbenzene	11.426	119	93183	19.46	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	97502	19.81	ug/l	100
85) sec-Butylbenzene	11.652	105	110144	19.95	ug/l	100
86) p-Isopropyltoluene	11.799	119	100620	19.93	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	54017	19.34	ug/l	99
88) 1,4-Dichlorobenzene	11.844	146	53778	18.81	ug/l	99
89) n-Butylbenzene	12.214	91	91378	19.15	ug/l	100
90) Hexachloroethane	12.484	117	18545	19.28	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	54019	19.07	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	12388	19.98	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	32669	18.34	ug/l	98
94) Hexachlorobutadiene	14.028	225	17906	17.37	ug/l	98
95) Naphthalene	14.095	128	95623	18.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.339	180	33003	18.39	ug/l	97

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

