

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043570.D
 Acq On : 06 May 2021 00:22
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050621

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 12:52:18 PM

Quant Time: May 06 07:30:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	102030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	170495	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	161507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	86770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	98200	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
35) Dibromofluoromethane	5.295	113	65272	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	7.906	98	237342	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	10.639	95	90903	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	68945	48.45	ug/l	98
3) Chloromethane	1.520	50	87454	49.74	ug/l	99
4) Vinyl Chloride	1.607	62	79578	49.13	ug/l	99
5) Bromomethane	1.835	94	48759	53.48	ug/l	98
6) Chloroethane	1.922	64	48748	46.93	ug/l	99
7) Trichlorofluoromethane	2.134	101	107024	48.79	ug/l	98
8) Diethyl Ether	2.379	74	40894	51.42	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	59710	49.12	ug/l	98
10) Methyl Iodide	2.726	142	69904	46.88	ug/l	99
11) Tert butyl alcohol	3.189	59	137774	248.62	ug/l	100
12) 1,1-Dichloroethene	2.581	96	59976	50.77	ug/l	93
13) Acrolein	2.488	56	60470	248.60	ug/l	99
14) Allyl chloride	2.925	41	151800	51.29	ug/l	100
15) Acrylonitrile	3.318	53	269348	267.79	ug/l	99
16) Acetone	2.629	43	298301	260.20	ug/l	98
17) Carbon Disulfide	2.793	76	187477	50.05	ug/l	99
18) Methyl Acetate	2.951	43	138263	52.76	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	216850	53.38	ug/l	99
20) Methylene Chloride	3.051	84	75717	46.93	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	67704	52.72	ug/l	96
22) Diisopropyl ether	3.999	45	271783	53.54	ug/l	97
23) Vinyl Acetate	3.961	43	1423720	244.80	ug/l	99
24) 1,1-Dichloroethane	3.877	63	146092	49.78	ug/l	99
25) 2-Butanone	4.707	43	482229	272.83	ug/l	100
26) 2,2-Dichloropropane	4.671	77	97159	49.12	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	76495	51.63	ug/l	97
28) Bromochloromethane	4.980	49	69988	47.53	ug/l	99
29) Tetrahydrofuran	5.057	42	280209	279.17	ug/l	100
30) Chloroform	5.096	83	142939	50.38	ug/l	99
31) Cyclohexane	5.395	56	118267	47.98	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	122430	50.64	ug/l	98
36) 1,1-Dichloropropene	5.533	75	102971	53.20	ug/l	99
37) Ethyl Acetate	4.809	43	177349	54.10	ug/l	100
38) Carbon Tetrachloride	5.533	117	101264	51.62	ug/l	98
39) Methylcyclohexane	6.771	83	98901	52.88	ug/l	97
40) Benzene	5.780	78	301504	51.96	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	95820	50.46	ug/l	98
42) 1,2-Dichloroethane	5.803	62	129874	50.97	ug/l	100
43) Isopropyl Acetate	5.919	43	257935	53.65	ug/l	99
44) Trichloroethene	6.549	130	72867	53.48	ug/l	100
45) 1,2-Dichloropropane	6.796	63	85981	50.29	ug/l	98
46) Dibromomethane	6.925	93	57352	53.21	ug/l	100
47) Bromodichloromethane	7.112	83	113310	51.92	ug/l	99
48) Methyl methacrylate	6.967	41	131445	54.41	ug/l	99
49) 1,4-Dioxane	6.970	88	45082	1010.29	ug/l	98
51) 4-Methyl-2-Pentanone	7.800	43	941404	239.97	ug/l	100
52) Toluene	7.976	92	180029	53.68	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	121160	48.36	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	127795	53.57	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	74433	50.92	ug/l	98
56) Ethyl methacrylate	8.340	69	128893	46.99	ug/l	99
57) 1,3-Dichloropropane	8.581	76	136372	52.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	202420	238.73	ug/l	100
59) 2-Hexanone	8.690	43	764618	239.27	ug/l	100
60) Dibromochloromethane	8.819	129	81912	52.67	ug/l	98
61) 1,2-Dibromoethane	8.931	107	83305	52.75	ug/l	100
64) Tetrachloroethene	8.562	164	66763	53.52	ug/l	96
65) Chlorobenzene	9.452	112	185498	52.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.542	131	70835	51.67	ug/l	100
67) Ethyl Benzene	9.578	91	352634	49.49	ug/l	98
68) m/p-Xylenes	9.700	106	258247	99.16	ug/l	99
69) o-Xylene	10.108	106	124126	48.79	ug/l	99
70) Styrene	10.121	104	217989	48.46	ug/l	100
71) Bromoform	10.298	173	66333	46.78	ug/l #	99
73) Isopropylbenzene	10.491	105	335802	53.99	ug/l	99
74) N-amyl acetate	10.327	43	225340	48.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	145127	49.46	ug/l	98
76) 1,2,3-Trichloropropane	10.832	75	146954m	53.26	ug/l	
77) Bromobenzene	10.790	156	83114	51.92	ug/l	100
78) n-propylbenzene	10.912	91	418682	55.06	ug/l	100
79) 2-Chlorotoluene	10.992	91	248264	52.66	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	293920	50.12	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	42430	50.08	ug/l	97
82) 4-Chlorotoluene	11.102	91	293538	54.50	ug/l	99
83) tert-Butylbenzene	11.427	119	277466	53.65	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	298516	50.30	ug/l	100
85) sec-Butylbenzene	11.652	105	354693	50.24	ug/l	99
86) p-Isopropyltoluene	11.799	119	302023	49.74	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	155318	51.28	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	157760	50.23	ug/l	99
89) n-Butylbenzene	12.217	91	286694	48.09	ug/l	100
90) Hexachloroethane	12.484	117	44874	51.57	ug/l	99
91) 1,2-Dichlorobenzene	12.221	146	158516	50.68	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	38329	53.01	ug/l	98
93) 1,2,4-Trichlorobenzene	13.848	180	104321	51.31	ug/l	98
94) Hexachlorobutadiene	14.031	225	49974	51.63	ug/l	99
95) Naphthalene	14.095	128	365095	49.60	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	107501	53.02	ug/l	99

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

