

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050621\
 Data File : VU043572.D
 Acq On : 06 May 2021 10:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 12:52:25 PM

Quant Time: May 07 02:01:47 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	120229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	196985	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	187770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	102481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	115813	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
35) Dibromofluoromethane	5.298	113	75817	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	7.906	98	284362	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	10.642	95	107835	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	77475	46.25	ug/l	98
3) Chloromethane	1.523	50	97008	46.84	ug/l	99
4) Vinyl Chloride	1.607	62	86777	45.47	ug/l	99
5) Bromomethane	1.839	94	51412	47.86	ug/l	99
6) Chloroethane	1.925	64	53637	43.82	ug/l	98
7) Trichlorofluoromethane	2.138	101	117355	45.40	ug/l	98
8) Diethyl Ether	2.379	74	44421	47.40	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	69373	48.43	ug/l	99
10) Methyl Iodide	2.726	142	82133	46.74	ug/l	100
11) Tert butyl alcohol	3.186	59	132118	202.33	ug/l	99
12) 1,1-Dichloroethene	2.581	96	65013	46.71	ug/l	94
13) Acrolein	2.488	56	70062	244.53	ug/l	98
14) Allyl chloride	2.929	41	168352	48.27	ug/l	100
15) Acrylonitrile	3.318	53	294531	248.50	ug/l	100
16) Acetone	2.630	43	325665	241.07	ug/l	99
17) Carbon Disulfide	2.797	76	205906	46.65	ug/l	99
18) Methyl Acetate	2.951	43	150261	48.66	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	231731	48.41	ug/l	96
20) Methylene Chloride	3.051	84	82722	43.51	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	73300	48.44	ug/l	96
22) Diisopropyl ether	3.999	45	293726	49.10	ug/l	97
23) Vinyl Acetate	3.964	43	1552378	227.27	ug/l	100
24) 1,1-Dichloroethane	3.877	63	159585	46.15	ug/l	99
25) 2-Butanone	4.707	43	518056	248.73	ug/l	99
26) 2,2-Dichloropropane	4.674	77	127059	54.52	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	85324	48.87	ug/l	99
28) Bromochloromethane	4.980	49	85511	49.28	ug/l #	22
29) Tetrahydrofuran	5.057	42	299377	253.12	ug/l	100
30) Chloroform	5.096	83	158300	47.35	ug/l	99
31) Cyclohexane	5.398	56	129278	44.50	ug/l	99
32) 1,1,1-Trichloroethane	5.324	97	132597	46.54	ug/l	97
36) 1,1-Dichloropropene	5.533	75	113690	50.84	ug/l	98
37) Ethyl Acetate	4.809	43	192010	50.69	ug/l	100
38) Carbon Tetrachloride	5.533	117	109844	48.46	ug/l	99
39) Methylcyclohexane	6.771	83	110375	51.08	ug/l	99
40) Benzene	5.784	78	330137	49.25	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	105293	48.09	ug/l	99
42) 1,2-Dichloroethane	5.803	62	144177	48.98	ug/l	99
43) Isopropyl Acetate	5.919	43	282146	50.79	ug/l	100
44) Trichloroethene	6.549	130	81057	51.49	ug/l	95
45) 1,2-Dichloropropane	6.800	63	95474	48.33	ug/l	99
46) Dibromomethane	6.925	93	62337	50.06	ug/l	98
47) Bromodichloromethane	7.115	83	126901	50.33	ug/l	99
48) Methyl methacrylate	6.967	41	142644	51.11	ug/l	99
49) 1,4-Dioxane	6.970	88	46632	909.65	ug/l	99
51) 4-Methyl-2-Pentanone	7.800	43	1012695	224.75	ug/l	99
52) Toluene	7.977	92	198378	51.20	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	137602	47.57	ug/l	98
54) cis-1,3-Dichloropropene	7.616	75	143442	52.04	ug/l	98
55) 1,1,2-Trichloroethane	8.407	97	82911	49.09	ug/l	99
56) Ethyl methacrylate	8.340	69	138138	43.89	ug/l	98
57) 1,3-Dichloropropane	8.584	76	150621	50.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.472	63	222518	228.24	ug/l	99
59) 2-Hexanone	8.690	43	809940	221.09	ug/l	99
60) Dibromochloromethane	8.819	129	90640	50.45	ug/l	100
61) 1,2-Dibromoethane	8.932	107	91704	50.26	ug/l	99
64) Tetrachloroethene	8.562	164	78191	53.92	ug/l	96
65) Chlorobenzene	9.456	112	206553	49.86	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.542	131	77700	48.75	ug/l	99
67) Ethyl Benzene	9.578	91	391362	47.31	ug/l	100
68) m/p-Xylenes	9.700	106	291059	96.20	ug/l	100
69) o-Xylene	10.108	106	139034	47.07	ug/l	99
70) Styrene	10.121	104	243817	46.72	ug/l	99
71) Bromoform	10.298	173	73227	44.59	ug/l #	100
73) Isopropylbenzene	10.491	105	376055	51.19	ug/l	99
74) N-amyl acetate	10.327	43	238321	43.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	159211	45.95	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	157809m	48.43	ug/l	
77) Bromobenzene	10.790	156	93762	49.59	ug/l	98
78) n-propylbenzene	10.915	91	476126	53.01	ug/l	99
79) 2-Chlorotoluene	10.993	91	276655	49.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	331330	47.87	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.555	75	51061	51.03	ug/l	94
82) 4-Chlorotoluene	11.105	91	333387	52.41	ug/l	99
83) tert-Butylbenzene	11.430	119	308366	50.49	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	335170	47.87	ug/l	100
85) sec-Butylbenzene	11.652	105	397763	47.77	ug/l	99
86) p-Isopropyltoluene	11.803	119	344373	48.07	ug/l	100
87) 1,3-Dichlorobenzene	11.755	146	175677	49.11	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	178450	48.10	ug/l	99
89) n-Butylbenzene	12.218	91	340200	48.31	ug/l	100
90) Hexachloroethane	12.484	117	48564	47.25	ug/l	98
91) 1,2-Dichlorobenzene	12.221	146	176807	47.87	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	41173	48.21	ug/l	99
93) 1,2,4-Trichlorobenzene	13.848	180	117251	48.83	ug/l	99
94) Hexachlorobutadiene	14.031	225	58715	51.36	ug/l	99
95) Naphthalene	14.095	128	391278	45.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	120899	50.48	ug/l	98

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

