

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043401.D
 Acq On : 28 Apr 2021 21:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 11:38:11 AM

Quant Time: Apr 29 08:43:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	88629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	140608	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	137837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	77580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	78395	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
35) Dibromofluoromethane	5.298	113	54175	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
50) Toluene-d8	7.906	98	184782	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	10.639	95	73832	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	45022	49.23	ug/l	98
3) Chloromethane	1.523	50	54592	56.17	ug/l	100
4) Vinyl Chloride	1.607	62	49518	49.66	ug/l	98
5) Bromomethane	1.835	94	30981	57.01	ug/l	96
6) Chloroethane	1.922	64	31689	46.07	ug/l	96
7) Trichlorofluoromethane	2.134	101	78970	46.61	ug/l	99
8) Diethyl Ether	2.379	74	27423	50.54	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.581	101	45249	51.90	ug/l	96
10) Methyl Iodide	2.726	142	57532	50.08	ug/l	98
11) Tert butyl alcohol	3.189	59	94004	244.80	ug/l #	75
12) 1,1-Dichloroethene	2.581	96	43477	52.40	ug/l	98
13) Acrolein	2.488	56	61757	257.66	ug/l	99
14) Allyl chloride	2.925	41	108084	53.68	ug/l	96
15) Acrylonitrile	3.317	53	212285	257.00	ug/l	99
16) Acetone	2.629	43	218975	249.73	ug/l	98
17) Carbon Disulfide	2.793	76	115743	45.36	ug/l	100
18) Methyl Acetate	2.951	43	112053	60.17	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	179596	54.78	ug/l	99
20) Methylene Chloride	3.051	84	55817	52.75	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	48219	49.75	ug/l	95
22) Diisopropyl ether	3.999	45	215685	56.00	ug/l	92
23) Vinyl Acetate	3.960	43	1005829	269.85	ug/l	99
24) 1,1-Dichloroethane	3.874	63	105664	54.26	ug/l	99
25) 2-Butanone	4.706	43	344549	254.57	ug/l	99
26) 2,2-Dichloropropane	4.674	77	70606	41.33	ug/l	97
27) cis-1,2-Dichloroethene	4.674	96	58320	52.88	ug/l	99
28) Bromochloromethane	4.980	49	54845	55.22	ug/l	92
29) Tetrahydrofuran	5.057	42	219158	257.15	ug/l	96
30) Chloroform	5.095	83	110171	53.41	ug/l	95
31) Cyclohexane	5.394	56	87507	47.61	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	94020	51.56	ug/l	98
36) 1,1-Dichloropropene	5.533	75	72964	48.92	ug/l	99
37) Ethyl Acetate	4.809	43	125776	49.31	ug/l	98
38) Carbon Tetrachloride	5.533	117	79934	49.98	ug/l	99
39) Methylcyclohexane	6.771	83	74242	45.27	ug/l	99
40) Benzene	5.780	78	220859	51.81	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	68675	51.21	ug/l	98
42) 1,2-Dichloroethane	5.800	62	98700	52.20	ug/l	99
43) Isopropyl Acetate	5.919	43	188051	51.70	ug/l	96
44) Trichloroethene	6.549	130	56594	52.35	ug/l	98
45) 1,2-Dichloropropane	6.796	63	61774	52.02	ug/l	98
46) Dibromomethane	6.925	93	43170	51.40	ug/l	96
47) Bromodichloromethane	7.111	83	88253	53.23	ug/l	98
48) Methyl methacrylate	6.967	41	95344	52.21	ug/l	97
49) 1,4-Dioxane	6.970	88	35719	976.21	ug/l #	96
51) 4-Methyl-2-Pentanone	7.796	43	670324	249.07	ug/l	98
52) Toluene	7.976	92	135103	51.13	ug/l	100
53) t-1,3-Dichloropropene	8.217	75	87784	47.69	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	92471	49.47	ug/l	95
55) 1,1,2-Trichloroethane	8.407	97	59181	52.21	ug/l	97
56) Ethyl methacrylate	8.340	69	89985	48.47	ug/l	94
57) 1,3-Dichloropropane	8.581	76	101950	52.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	157747	205.74	ug/l	98
59) 2-Hexanone	8.690	43	537244	242.43	ug/l	98
60) Dibromochloromethane	8.816	129	67434	51.44	ug/l	99
61) 1,2-Dibromoethane	8.931	107	63584	49.73	ug/l	100
64) Tetrachloroethene	8.558	164	55307	55.30	ug/l	99
65) Chlorobenzene	9.452	112	141195	47.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.542	131	56745	50.22	ug/l	100
67) Ethyl Benzene	9.578	91	265494	49.77	ug/l	99
68) m/p-Xylenes	9.700	106	196069	99.34	ug/l	99
69) o-Xylene	10.108	106	94330	48.96	ug/l	99
70) Styrene	10.121	104	163814	50.50	ug/l	99
71) Bromoform	10.298	173	54502	46.81	ug/l #	99
73) Isopropylbenzene	10.491	105	259012	49.75	ug/l	99
74) N-amyl acetate	10.327	43	152951	45.72	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	109822	48.44	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	103747m	45.76	ug/l	
77) Bromobenzene	10.790	156	69011	47.58	ug/l	96
78) n-propylbenzene	10.912	91	303517	48.69	ug/l	99
79) 2-Chlorotoluene	10.992	91	186005	49.10	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	224697	48.88	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	30775	39.89	ug/l	95
82) 4-Chlorotoluene	11.102	91	221781	48.73	ug/l	97
83) tert-Butylbenzene	11.426	119	211695	46.85	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	227422	48.15	ug/l	100
85) sec-Butylbenzene	11.651	105	249537	47.12	ug/l	99
86) p-Isopropyltoluene	11.799	119	227700	46.71	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	125010	47.54	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	124820	45.51	ug/l	99
89) n-Butylbenzene	12.214	91	201922	44.22	ug/l	99
90) Hexachloroethane	12.484	117	35446	38.79	ug/l	95
91) 1,2-Dichlorobenzene	12.217	146	127659	47.51	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	28646	44.63	ug/l	90
93) 1,2,4-Trichlorobenzene	13.848	180	83371	47.02	ug/l	100
94) Hexachlorobutadiene	14.028	225	38926	43.72	ug/l	98
95) Naphthalene	14.092	128	281918	50.22	ug/l	99
96) 1,2,3-Trichlorobenzene	14.336	180	85330	49.55	ug/l	99

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

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