

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042921\
 Data File : VU043403.D
 Acq On : 28 Apr 2021 22:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 10:52:48 AM

Quant Time: Apr 29 09:44:40 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	86797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	140854	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	134686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	77040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	76584	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
35) Dibromofluoromethane	5.295	113	53790	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	7.906	98	184819	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	10.639	95	72620	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	45595	50.91	ug/l	98
3) Chloromethane	1.523	50	54422	57.20	ug/l	98
4) Vinyl Chloride	1.607	62	48337	49.50	ug/l	97
5) Bromomethane	1.835	94	30901	58.07	ug/l	95
6) Chloroethane	1.922	64	31940	47.41	ug/l	97
7) Trichlorofluoromethane	2.134	101	78904	47.55	ug/l	100
8) Diethyl Ether	2.379	74	27993	52.68	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.581	101	44612	52.25	ug/l	97
10) Methyl Iodide	2.726	142	57248	50.88	ug/l	98
11) Tert butyl alcohol	3.189	59	92449	245.83	ug/l #	77
12) 1,1-Dichloroethene	2.581	96	42703	52.55	ug/l	95
13) Acrolein	2.488	56	62686	266.68	ug/l	98
14) Allyl chloride	2.925	41	105625	53.57	ug/l	96
15) Acrylonitrile	3.317	53	208893	258.23	ug/l	99
16) Acetone	2.629	43	214666	249.98	ug/l	99
17) Carbon Disulfide	2.793	76	116251	46.52	ug/l	97
18) Methyl Acetate	2.951	43	110904	60.81	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	177675	55.34	ug/l	99
20) Methylene Chloride	3.051	84	56075	54.11	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	48387	50.98	ug/l	97
22) Diisopropyl ether	3.999	45	214726	56.93	ug/l	90
23) Vinyl Acetate	3.960	43	991560	271.64	ug/l	99
24) 1,1-Dichloroethane	3.874	63	105939	55.54	ug/l	99
25) 2-Butanone	4.706	43	336720	254.03	ug/l	100
26) 2,2-Dichloropropane	4.671	77	70268	42.00	ug/l	99
27) cis-1,2-Dichloroethene	4.674	96	57179	52.94	ug/l	97
28) Bromochloromethane	4.980	49	53942	55.46	ug/l	91
29) Tetrahydrofuran	5.054	42	215393	258.07	ug/l	96
30) Chloroform	5.095	83	109845	54.38	ug/l	94
31) Cyclohexane	5.394	56	87434	48.58	ug/l	92
32) 1,1,1-Trichloroethane	5.324	97	93408	52.31	ug/l	98
36) 1,1-Dichloropropene	5.533	75	72305	48.39	ug/l	100
37) Ethyl Acetate	4.809	43	121591	47.58	ug/l	98
38) Carbon Tetrachloride	5.530	117	79034	49.33	ug/l	99
39) Methylcyclohexane	6.771	83	72513	44.14	ug/l	95
40) Benzene	5.780	78	217608	50.96	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	68307	50.85	ug/l	98
42) 1,2-Dichloroethane	5.800	62	99182	52.37	ug/l	99
43) Isopropyl Acetate	5.919	43	183788	50.44	ug/l	98
44) Trichloroethene	6.549	130	56052	51.76	ug/l	90
45) 1,2-Dichloropropane	6.796	63	63681	53.53	ug/l	99
46) Dibromomethane	6.922	93	42604	50.64	ug/l	96
47) Bromodichloromethane	7.111	83	87375	52.61	ug/l	99
48) Methyl methacrylate	6.967	41	94240	51.52	ug/l	96
49) 1,4-Dioxane	6.967	88	34337	936.80	ug/l #	95
51) 4-Methyl-2-Pentanone	7.796	43	662593	245.77	ug/l	97
52) Toluene	7.976	92	135513	51.19	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	87150	47.26	ug/l	99
54) cis-1,3-Dichloropropene	7.613	75	92382	49.34	ug/l	96
55) 1,1,2-Trichloroethane	8.407	97	59170	52.11	ug/l	99
56) Ethyl methacrylate	8.340	69	88579	47.63	ug/l	95
57) 1,3-Dichloropropane	8.581	76	102310	52.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	155042	201.99	ug/l	98
59) 2-Hexanone	8.690	43	525775	236.84	ug/l	98
60) Dibromochloromethane	8.816	129	67232	51.19	ug/l	100
61) 1,2-Dibromoethane	8.931	107	64492	50.35	ug/l	98
64) Tetrachloroethene	8.558	164	56866	58.19	ug/l	98
65) Chlorobenzene	9.452	112	143047	49.53	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	57286	51.88	ug/l	99
67) Ethyl Benzene	9.578	91	264066	50.66	ug/l	99
68) m/p-Xylenes	9.700	106	194647	100.92	ug/l	99
69) o-Xylene	10.108	106	93488	49.66	ug/l	99
70) Styrene	10.121	104	163573	51.61	ug/l	99
71) Bromoform	10.298	173	55444	48.73	ug/l #	100
73) Isopropylbenzene	10.491	105	255449	49.40	ug/l	99
74) N-amyl acetate	10.327	43	151719	45.67	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.790	83	110127	48.91	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	96866m	43.03	ug/l	
77) Bromobenzene	10.790	156	69642	48.35	ug/l	99
78) n-propylbenzene	10.912	91	309117	49.93	ug/l	99
79) 2-Chlorotoluene	10.992	91	184002	48.91	ug/l	100
80) 1,3,5-Trimethylbenzene	11.095	105	225398	49.38	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	29309	38.26	ug/l	90
82) 4-Chlorotoluene	11.102	91	221176	48.94	ug/l	99
83) tert-Butylbenzene	11.426	119	213032	47.47	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	230263	49.10	ug/l	99
85) sec-Butylbenzene	11.651	105	251933	47.91	ug/l	98
86) p-Isopropyltoluene	11.799	119	231071	47.73	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	122706	46.99	ug/l	98
88) 1,4-Dichlorobenzene	11.841	146	126643	46.50	ug/l	99
89) n-Butylbenzene	12.214	91	206958	45.64	ug/l	98
90) Hexachloroethane	12.484	117	35837	39.49	ug/l	93
91) 1,2-Dichlorobenzene	12.217	146	128290	48.08	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	27708	43.47	ug/l	92
93) 1,2,4-Trichlorobenzene	13.848	180	82466	46.84	ug/l	97
94) Hexachlorobutadiene	14.028	225	37932	42.89	ug/l	99
95) Naphthalene	14.095	128	277580	49.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	86088	50.32	ug/l	100

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

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