

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034480.D
 Acq On : 11 Sep 2019 17:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 6:57:23 AM

Quant Time: Sep 12 05:03:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	263124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	365215	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	367257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	249514	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.28	65	205912	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	4.86	113	187544	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
50) Toluene-d8	7.54	98	703314	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
62) 4-Bromofluorobenzene	10.29	95	265359	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	131407	47.752	ug/l	100
3) Chloromethane	1.32	50	156865	52.767	ug/l	98
4) Vinyl Chloride	1.40	62	161060	46.968	ug/l	99
5) Bromomethane	1.61	94	96322	55.842	ug/l	99
6) Chloroethane	1.69	64	104319	52.387	ug/l	97
7) Trichlorofluoromethane	1.87	101	235536	51.226	ug/l	99
8) Diethyl Ether	2.09	74	100953	49.915	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.27	101	156331	51.334	ug/l	100
10) Methyl Iodide	2.40	142	128556	46.437	ug/l	99
11) Tert butyl alcohol	2.81	59	213438	253.769	ug/l	99
12) 1,1-Dichloroethene	2.27	96	140598	49.112	ug/l	98
13) Acrolein	2.18	56	106713	150.957	ug/l	99
14) Allyl chloride	2.58	41	267366m	48.851	ug/l	
15) Acrylonitrile	2.92	53	543623	259.552	ug/l	98
16) Acetone	2.31	43	511001	248.032	ug/l	99
17) Carbon Disulfide	2.46	76	276109	42.913	ug/l	100
18) Methyl Acetate	2.60	43	245033	48.879	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	561265	53.788	ug/l	100
20) Methylene Chloride	2.69	84	183702	54.474	ug/l	99
21) trans-1,2-Dichloroethene	2.96	96	150261	49.808	ug/l	97
22) Diisopropyl ether	3.55	45	578512	54.201	ug/l	98
23) Vinyl Acetate	3.50	43	2336080	268.696	ug/l	99
24) 1,1-Dichloroethane	3.42	63	325217	51.022	ug/l	99
25) 2-Butanone	4.24	43	722718	262.795	ug/l	99
26) 2,2-Dichloropropane	4.20	77	269737	52.616	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	193283	52.752	ug/l	97
28) Bromochloromethane	4.52	49	160402	54.711	ug/l	99
29) Tetrahydrofuran	4.61	42	428659	256.150	ug/l	99
30) Chloroform	4.65	83	330607	51.027	ug/l	98
31) Cyclohexane	4.97	56	219834	47.143	ug/l	100
32) 1,1,1-Trichloroethane	4.89	97	270185	52.158	ug/l	100
36) 1,1-Dichloropropene	5.11	75	208978	52.762	ug/l	99
37) Ethyl Acetate	4.35	43	249438	53.265	ug/l	99
38) Carbon Tetrachloride	5.11	117	231283	54.689	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.39	83	218379	51.576	ug/l	99
40) Benzene	5.37	78	690111	53.997	ug/l	99
41) Methacrylonitrile	4.51	41	140824	56.455	ug/l	99
42) 1,2-Dichloroethane	5.38	62	241049	54.323	ug/l	99
43) Isopropyl Acetate	5.52	43	395649	54.159	ug/l	100
44) Trichloroethene	6.16	130	186849	52.833	ug/l	98
45) 1,2-Dichloropropane	6.41	63	206076	55.155	ug/l	98
46) Dibromomethane	6.54	93	127392	54.319	ug/l	99
47) Bromodichloromethane	6.73	83	266732	55.252	ug/l	99
48) Methyl methacrylate	6.60	41	187009	53.897	ug/l	100
49) 1,4-Dioxane	6.59	88	84099	1109.975	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1361928	269.329	ug/l	99
52) Toluene	7.61	92	439524	54.822	ug/l	97
53) t-1,3-Dichloropropene	7.86	75	275607	55.073	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	312941	56.977	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	205942	56.571	ug/l	98
56) Ethyl methacrylate	8.00	69	280460	50.664	ug/l	100
57) 1,3-Dichloropropane	8.22	76	326607	55.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	421307	226.803	ug/l	100
59) 2-Hexanone	8.34	43	1033256	273.518	ug/l	100
60) Dibromochloromethane	8.45	129	223547	57.250	ug/l	98
61) 1,2-Dibromoethane	8.57	107	196101	55.036	ug/l	98
64) Tetrachloroethene	8.21	164	171960	53.971	ug/l	98
65) Chlorobenzene	9.10	112	508266	54.550	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	197730	55.607	ug/l	100
67) Ethyl Benzene	9.23	91	852763	55.975	ug/l	98
68) m/p-Xylenes	9.35	106	672925	117.301	ug/l	100
69) o-Xylene	9.76	106	321310	57.271	ug/l	99
70) Styrene	9.77	104	589415	59.922	ug/l	100
71) Bromoform	9.94	173	172666	56.029	ug/l #	100
73) Isopropylbenzene	10.14	105	902566	55.584	ug/l	100
74) N-amyl acetate	9.99	43	352347	53.907	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.43	83	341474	51.954	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	288549m	52.979	ug/l	
77) Bromobenzene	10.43	156	245143	53.993	ug/l	99
78) n-propylbenzene	10.57	91	1056863	56.357	ug/l	99
79) 2-Chlorotoluene	10.64	91	633892	55.399	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	792528	58.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	90731m	56.022	ug/l	
82) 4-Chlorotoluene	10.75	91	738844	56.110	ug/l	100
83) tert-Butylbenzene	11.08	119	762552	56.130	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	792876	58.001	ug/l	100
85) sec-Butylbenzene	11.30	105	919730	57.345	ug/l	100
86) p-Isopropyltoluene	11.45	119	857268	57.910	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	446507	53.893	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	453149	52.439	ug/l	99
89) n-Butylbenzene	11.87	91	746592	58.035	ug/l	100
90) Hexachloroethane	12.12	117	129707	54.766	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	436376	53.593	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.64	75	65068	53.874	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	292563	49.574	ug/l	100
94) Hexachlorobutadiene	13.67	225	162204	56.950	ug/l	99
95) Naphthalene	13.72	128	760635	46.078	ug/l	99
96) 1,2,3-Trichlorobenzene	13.96	180	291645	51.072	ug/l	99

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

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