

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029104.D
 Acq On : 10 Jan 2019 09:19
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 10:03:23 AM

Quant Time: Jan 11 02:55:02 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	116710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	181880	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	173878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	90002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	72177	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	4.88	113	61662	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	7.56	98	239362	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	10.30	95	84373	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	55139	47.639	ug/l	100
3) Chloromethane	1.33	50	85772	46.379	ug/l	100
4) Vinyl Chloride	1.40	62	82288	48.244	ug/l	98
5) Bromomethane	1.61	94	41534	47.193	ug/l	99
6) Chloroethane	1.69	64	49177	48.404	ug/l	98
7) Trichlorofluoromethane	1.88	101	88227	47.470	ug/l	99
8) Diethyl Ether	2.10	74	42204	47.265	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.28	101	60921	48.988	ug/l	98
10) Methyl Iodide	2.40	142	59971	51.288	ug/l	99
11) Tert butyl alcohol	2.83	59	88294	240.761	ug/l	99
12) 1,1-Dichloroethene	2.28	96	58175	48.061	ug/l	95
13) Acrolein	2.19	56	57329	208.186	ug/l	100
14) Allyl chloride	2.59	41	99171	44.652	ug/l	92
15) Acrylonitrile	2.93	53	231602	257.418	ug/l	99
16) Acetone	2.32	43	245645	270.271	ug/l	98
17) Carbon Disulfide	2.47	76	183488	45.730	ug/l	100
18) Methyl Acetate	2.61	43	111711	52.861	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	206222	48.459	ug/l	97
20) Methylene Chloride	2.70	84	72865	47.219	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	64739	46.034	ug/l	96
22) Diisopropyl ether	3.57	45	221251	50.405	ug/l	99
23) Vinyl Acetate	3.52	43	917634	255.722	ug/l	100
24) 1,1-Dichloroethane	3.44	63	126028	49.736	ug/l	99
25) 2-Butanone	4.26	43	330255	269.029	ug/l	99
26) 2,2-Dichloropropane	4.22	77	103789	50.691	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	74091	48.170	ug/l	97
28) Bromochloromethane	4.54	49	54623	50.343	ug/l	98
29) Tetrahydrofuran	4.63	42	192220	258.170	ug/l	98
30) Chloroform	4.67	83	121256	50.241	ug/l	97
31) Cyclohexane	4.99	56	115759	48.358	ug/l	97
32) 1,1,1-Trichloroethane	4.91	97	97381	48.831	ug/l	97
36) 1,1-Dichloropropene	5.13	75	91270	50.204	ug/l	98
37) Ethyl Acetate	4.38	43	108227	54.235	ug/l	99
38) Carbon Tetrachloride	5.13	117	80957	53.392	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	113660	50.855	ug/l	99
40) Benzene	5.39	78	289688	51.085	ug/l	99
41) Methacrylonitrile	4.54	41	58648	54.905	ug/l	99
42) 1,2-Dichloroethane	5.40	62	92128	54.066	ug/l	99
43) Isopropyl Acetate	5.54	43	164972	53.893	ug/l	100
44) Trichloroethene	6.18	130	69538	49.491	ug/l	97
45) 1,2-Dichloropropane	6.43	63	79932	53.376	ug/l	99
46) Dibromomethane	6.56	93	49793	52.013	ug/l	99
47) Bromodichloromethane	6.75	83	94958	53.875	ug/l	99
48) Methyl methacrylate	6.62	41	83842	56.249	ug/l	99
49) 1,4-Dioxane	6.61	88	40354	1142.416	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	572340	274.732	ug/l	98
52) Toluene	7.63	92	175825	50.931	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	108709	51.343	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	118692	51.878	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	73273	52.981	ug/l	97
56) Ethyl methacrylate	8.02	69	110309	51.772	ug/l	96
57) 1,3-Dichloropropane	8.24	76	124353	52.548	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	255296	272.453	ug/l	98
59) 2-Hexanone	8.36	43	459284	280.858	ug/l	98
60) Dibromochloromethane	8.48	129	72692	53.054	ug/l	99
61) 1,2-Dibromoethane	8.58	107	77751	51.836	ug/l	99
64) Tetrachloroethene	8.22	164	62674	50.038	ug/l	97
65) Chlorobenzene	9.12	112	191742	49.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	65408	51.712	ug/l	99
67) Ethyl Benzene	9.25	91	329918	50.701	ug/l	100
68) m/p-Xylenes	9.37	106	260592	103.068	ug/l	99
69) o-Xylene	9.78	106	121776	49.987	ug/l	98
70) Styrene	9.79	104	209669	52.500	ug/l	99
71) Bromoform	9.95	173	59878	53.167	ug/l #	99
73) Isopropylbenzene	10.16	105	325185	48.814	ug/l	100
74) N-amyl acetate	10.01	43	144943	50.492	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	130355	48.824	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	112726m	51.118	ug/l	
77) Bromobenzene	10.45	156	83397	48.039	ug/l	98
78) n-propylbenzene	10.58	91	400727	51.043	ug/l	100
79) 2-Chlorotoluene	10.66	91	234093	49.155	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	278274	50.022	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	39099m	45.728	ug/l	
82) 4-Chlorotoluene	10.77	91	269263	49.308	ug/l	99
83) tert-Butylbenzene	11.10	119	271885	49.586	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	284713	51.261	ug/l	99
85) sec-Butylbenzene	11.32	105	339772	51.238	ug/l	100
86) p-Isopropyltoluene	11.48	119	296209	52.420	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	153491	48.203	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	154819	47.102	ug/l	99
89) n-Butylbenzene	11.89	91	277778	55.078	ug/l	99
90) Hexachloroethane	12.14	117	48493	51.013	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	151444	47.218	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	27046	52.668	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	103014	50.315	ug/l	99
94) Hexachlorobutadiene	13.69	225	51267	54.745	ug/l	99
95) Naphthalene	13.74	128	336457	48.308	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	104860	49.755	ug/l	99

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

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