

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U111218\
 Data File : VU028055.D
 Acq On : 12 Nov 2018 11:01
 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
 11/13/2018 12:12:39 PM

Quant Time: Nov 13 02:53:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	167595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	280970	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	269196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	136379	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	131467	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	4.88	113	93945	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
50) Toluene-d8	7.57	98	373528	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
62) 4-Bromofluorobenzene	10.31	95	141025	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	87574	41.122	ug/l	97
3) Chloromethane	1.33	50	134332	52.157	ug/l	99
4) Vinyl Chloride	1.40	62	122656	47.983	ug/l	99
5) Bromomethane	1.62	94	57243	53.605	ug/l	97
6) Chloroethane	1.70	64	77978	52.934	ug/l	98
7) Trichlorofluoromethane	1.89	101	151908	51.427	ug/l	98
8) Diethyl Ether	2.11	74	65964	52.154	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.29	101	91113	51.923	ug/l	99
10) Methyl Iodide	2.41	142	90906	55.414	ug/l	100
11) Tert butyl alcohol	2.82	59	133659	202.624	ug/l	99
12) 1,1-Dichloroethene	2.29	96	82915	47.205	ug/l	97
13) Acrolein	2.20	56	77564	321.608	ug/l	96
14) Allyl chloride	2.59	41	209188	48.729	ug/l	98
15) Acrylonitrile	2.93	53	398630	246.015	ug/l	99
16) Acetone	2.32	43	386861	250.241	ug/l	97
17) Carbon Disulfide	2.48	76	279955	48.762	ug/l	99
18) Methyl Acetate	2.61	43	208403	49.005	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	362929	51.236	ug/l	100
20) Methylene Chloride	2.70	84	113094	50.104	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	97786	48.240	ug/l	96
22) Diisopropyl ether	3.57	45	461002	52.015	ug/l	98
23) Vinyl Acetate	3.52	43	1983978	260.467	ug/l	100
24) 1,1-Dichloroethane	3.45	63	225662	51.117	ug/l	99
25) 2-Butanone	4.26	43	603561	245.403	ug/l	99
26) 2,2-Dichloropropane	4.23	77	180109	54.365	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	118981	52.343	ug/l	98
28) Bromochloromethane	4.55	49	117880	56.959	ug/l	97
29) Tetrahydrofuran	4.64	42	371657	226.304	ug/l	100
30) Chloroform	4.67	83	203161	50.191	ug/l	97
31) Cyclohexane	5.00	56	216119	49.883	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	169918	52.735	ug/l	100
36) 1,1-Dichloropropene	5.14	75	157274	53.446	ug/l	99
37) Ethyl Acetate	4.38	43	216755	50.271	ug/l	99
38) Carbon Tetrachloride	5.14	117	139147	53.357	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	194058	54.676	ug/l	97
40) Benzene	5.39	78	477210	53.041	ug/l	98
41) Methacrylonitrile	4.54	41	121403	52.760	ug/l	98
42) 1,2-Dichloroethane	5.40	62	168412	52.662	ug/l	99
43) Isopropyl Acetate	5.55	43	351607	52.050	ug/l	99
44) Trichloroethene	6.19	130	104089	53.823	ug/l	99
45) 1,2-Dichloropropane	6.43	63	142656	54.980	ug/l	99
46) Dibromomethane	6.56	93	80022	53.655	ug/l	97
47) Bromodichloromethane	6.76	83	161389	56.152	ug/l	99
48) Methyl methacrylate	6.62	41	175855	53.123	ug/l	98
49) 1,4-Dioxane	6.61	88	52641	974.689	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1125756	249.540	ug/l	99
52) Toluene	7.64	92	284780	53.841	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	192841	54.013	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	205862	58.101	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	117192	54.460	ug/l	97
56) Ethyl methacrylate	8.02	69	204870	53.986	ug/l	99
57) 1,3-Dichloropropane	8.24	76	212706	54.263	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	551023	271.115	ug/l	99
59) 2-Hexanone	8.36	43	875950	251.046	ug/l	100
60) Dibromochloromethane	8.48	129	116388	57.157	ug/l	100
61) 1,2-Dibromoethane	8.59	107	124703	54.538	ug/l	100
64) Tetrachloroethene	8.23	164	94966	54.405	ug/l	99
65) Chlorobenzene	9.12	112	299309	52.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	104016	53.544	ug/l	100
67) Ethyl Benzene	9.25	91	559561	53.451	ug/l	100
68) m/p-Xylenes	9.38	106	408773	107.616	ug/l	98
69) o-Xylene	9.78	106	199505	52.014	ug/l	99
70) Styrene	9.79	104	328579	53.614	ug/l	99
71) Bromoform	9.96	173	87543	53.772	ug/l #	100
73) Isopropylbenzene	10.17	105	541915	51.293	ug/l	100
74) N-amyl acetate	10.01	43	322061	50.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	207352	48.655	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	174878m	46.880	ug/l	
77) Bromobenzene	10.45	156	123342	50.913	ug/l	97
78) n-propylbenzene	10.59	91	680191	53.785	ug/l	99
79) 2-Chlorotoluene	10.66	91	385769	50.891	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	459064	52.452	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	73295m	49.063	ug/l	
82) 4-Chlorotoluene	10.77	91	452942	52.633	ug/l	98
83) tert-Butylbenzene	11.10	119	438810	50.152	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	469435	53.266	ug/l	98
85) sec-Butylbenzene	11.32	105	573703	53.915	ug/l	100
86) p-Isopropyltoluene	11.48	119	488042	54.864	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	231026	51.623	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	235771	51.400	ug/l	100
89) n-Butylbenzene	11.89	91	496861	58.772	ug/l	98
90) Hexachloroethane	12.15	117	87087	54.989	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	235524	52.333	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	43573	48.523	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	162878	51.583	ug/l	99
94) Hexachlorobutadiene	13.69	225	82101	57.400	ug/l	98
95) Naphthalene	13.74	128	540378	48.299	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	165211	54.707	ug/l	100

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

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