

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101118\
 Data File : VU027609.D
 Acq On : 11 Oct 2018 19:14
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:22:43 PM

Quant Time: Oct 12 09:46:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:38:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	118534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	208006	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	192066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	94412	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	89665	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	4.88	113	65296	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	7.57	98	250987	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	10.31	95	91972	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	62525	48.50	ug/l	99
3) Chloromethane	1.33	50	98765	48.90	ug/l	98
4) Vinyl Chloride	1.40	62	96767	50.98	ug/l	99
5) Bromomethane	1.62	94	47755	46.34	ug/l	100
6) Chloroethane	1.69	64	55475	45.95	ug/l	98
7) Trichlorofluoromethane	1.88	101	102721	48.43	ug/l	99
8) Diethyl Ether	2.11	74	48195	50.37	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.29	101	59734	48.17	ug/l	99
10) Methyl Iodide	2.41	142	60288	42.23	ug/l	100
11) Tert butyl alcohol	2.83	59	104159	232.90	ug/l	100
12) 1,1-Dichloroethene	2.28	96	59543	48.95	ug/l	99
13) Acrolein	2.20	56	83552	235.49	ug/l	99
14) Allyl chloride	2.59	41	139646	47.32	ug/l	97
15) Acrylonitrile	2.94	53	277038	260.58	ug/l	99
16) Acetone	2.32	43	235335	210.38	ug/l	100
17) Carbon Disulfide	2.48	76	193588	46.42	ug/l	100
18) Methyl Acetate	2.62	43	138451	49.50	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	249756	53.35	ug/l	98
20) Methylene Chloride	2.70	84	75243	47.52	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	68887	51.23	ug/l	99
22) Diisopropyl ether	3.58	45	295122	52.21	ug/l	98
23) Vinyl Acetate	3.53	43	1297341	271.36	ug/l	99
24) 1,1-Dichloroethane	3.45	63	152610	51.00	ug/l	100
25) 2-Butanone	4.27	43	405329	255.71	ug/l	100
26) 2,2-Dichloropropane	4.23	77	109727	45.75	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	77843	52.21	ug/l	98
28) Bromochloromethane	4.55	49	76405	51.75	ug/l	97
29) Tetrahydrofuran	4.64	42	262179	263.74	ug/l	98
30) Chloroform	4.67	83	136077	51.15	ug/l	99
31) Cyclohexane	5.00	56	139477	49.03	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	115458	51.45	ug/l	98
36) 1,1-Dichloropropene	5.14	75	107367	50.81	ug/l	99
37) Ethyl Acetate	4.39	43	148415	48.96	ug/l	100
38) Carbon Tetrachloride	5.14	117	95851	49.20	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	120447	50.53	ug/l	97
40) Benzene	5.39	78	315280	49.34	ug/l	100
41) Methacrylonitrile	4.55	41	82237	48.84	ug/l	100
42) 1,2-Dichloroethane	5.40	62	116935	49.51	ug/l	99
43) Isopropyl Acetate	5.55	43	227652	51.89	ug/l	99
44) Trichloroethene	6.19	130	70233	49.80	ug/l	99
45) 1,2-Dichloropropane	6.43	63	90679	49.87	ug/l	99
46) Dibromomethane	6.56	93	53203	49.71	ug/l	98
47) Bromodichloromethane	6.76	83	107599	49.98	ug/l	97
48) Methyl methacrylate	6.62	41	114122	47.53	ug/l	99
49) 1,4-Dioxane	6.61	88	39301	936.25	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	756244	256.40	ug/l	99
52) Toluene	7.64	92	185769	50.82	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	125607	51.24	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	133459	50.03	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	76531	50.74	ug/l	98
56) Ethyl methacrylate	8.02	69	131654	47.42	ug/l	98
57) 1,3-Dichloropropane	8.24	76	143692	50.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	376304	243.28	ug/l	99
59) 2-Hexanone	8.36	43	584570	254.06	ug/l	99
60) Dibromochloromethane	8.48	129	76322	50.63	ug/l	100
61) 1,2-Dibromoethane	8.59	107	79820	50.26	ug/l	100
64) Tetrachloroethene	8.23	164	59855	50.17	ug/l	99
65) Chlorobenzene	9.12	112	195425	49.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	69490	51.01	ug/l	99
67) Ethyl Benzene	9.25	91	352434	51.57	ug/l	99
68) m/p-Xylenes	9.38	106	263747	105.70	ug/l	99
69) o-Xylene	9.78	106	127853	52.71	ug/l	97
70) Styrene	9.79	104	213304	47.74	ug/l	100
71) Bromoform	9.96	173	57775	51.02	ug/l #	100
73) Isopropylbenzene	10.17	105	340018	53.49	ug/l	99
74) N-amyl acetate	10.02	43	205459	54.80	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	133295	48.75	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	114310m	48.53	ug/l	
77) Bromobenzene	10.45	156	79548	51.09	ug/l	96
78) n-propylbenzene	10.59	91	414852	53.77	ug/l	100
79) 2-Chlorotoluene	10.66	91	243987	51.55	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	285537	50.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	48159m	45.59	ug/l	
82) 4-Chlorotoluene	10.77	91	280929	53.12	ug/l	98
83) tert-Butylbenzene	11.10	119	274646	52.89	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	294319	50.75	ug/l	99
85) sec-Butylbenzene	11.32	105	344868	50.33	ug/l	100
86) p-Isopropyltoluene	11.48	119	298974	50.20	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	145715	50.40	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	148522	48.53	ug/l	100
89) n-Butylbenzene	11.89	91	281754	49.58	ug/l	100
90) Hexachloroethane	12.15	117	51578	49.09	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	146927	50.40	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	30696	51.35	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	101700	50.33	ug/l	100
94) Hexachlorobutadiene	13.69	225	46685	49.91	ug/l	99
95) Naphthalene	13.74	128	357134	51.02	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	104137	54.25	ug/l	97

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

