

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024709.D
 Acq On : 18 Jun 2018 22:41
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:06 PM

Quant Time: Jun 19 07:36:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	156668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	250248	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	123656	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	4.89	113	103994	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	7.57	98	382290	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	10.31	95	147251	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78759	40.16	ug/l	99
3) Chloromethane	1.33	50	95706	47.77	ug/l	100
4) Vinyl Chloride	1.40	62	98103	47.48	ug/l	98
5) Bromomethane	1.62	94	55238	55.30	ug/l	97
6) Chloroethane	1.69	64	64434	55.94	ug/l	98
7) Trichlorofluoromethane	1.89	101	155106	49.19	ug/l	96
8) Diethyl Ether	2.10	74	60881	57.00	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	85508	43.71	ug/l	98
10) Methyl Iodide	2.41	142	83332	50.30	ug/l	97
11) Tert butyl alcohol	2.82	59	149536	240.40	ug/l	100
12) 1,1-Dichloroethene	2.28	96	82398	46.19	ug/l	90
13) Acrolein	2.19	56	41910	128.30	ug/l	99
14) Allyl chloride	2.59	41	130076	39.27	ug/l	93
15) Acrylonitrile	2.93	53	332166	274.46	ug/l	98
16) Acetone	2.32	43	283227	206.10	ug/l	97
17) Carbon Disulfide	2.48	76	232663	40.73	ug/l	99
18) Methyl Acetate	2.61	43	182039	61.79	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	329826	49.19	ug/l	97
20) Methylene Chloride	2.70	84	101476	47.06	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	90856	46.24	ug/l	94
22) Diisopropyl ether	3.57	45	328951	50.10	ug/l	98
23) Vinyl Acetate	3.53	43	1355996	230.54	ug/l	99
24) 1,1-Dichloroethane	3.45	63	182588	48.34	ug/l	99
25) 2-Butanone	4.26	43	475253	257.47	ug/l	97
26) 2,2-Dichloropropane	4.23	77	62282	17.36	ug/l	91
27) cis-1,2-Dichloroethene	4.23	96	110856	49.08	ug/l	89
28) Bromochloromethane	4.55	49	82260	49.44	ug/l	88
29) Tetrahydrofuran	4.63	42	307159	268.71	ug/l	97
30) Chloroform	4.68	83	188261	49.24	ug/l	99
31) Cyclohexane	5.00	56	163365	48.65	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	164695	46.58	ug/l	97
36) 1,1-Dichloropropene	5.14	75	129510	44.04	ug/l	97
37) Ethyl Acetate	4.38	43	173120	54.01	ug/l	96
38) Carbon Tetrachloride	5.14	117	148593	45.95	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	156592	42.67	ug/l	94
40) Benzene	5.39	78	406143	48.47	ug/l	99
41) Methacrylonitrile	4.54	41	96311	55.73	ug/l	98
42) 1,2-Dichloroethane	5.41	62	151237	47.39	ug/l	98
43) Isopropyl Acetate	5.55	43	281265	50.77	ug/l	98
44) Trichloroethene	6.19	130	111412	46.72	ug/l	91
45) 1,2-Dichloropropane	6.44	63	113093	50.58	ug/l	98
46) Dibromomethane	6.56	93	79703	50.75	ug/l	97
47) Bromodichloromethane	6.76	83	152215	48.68	ug/l	98
48) Methyl methacrylate	6.62	41	139791	51.82	ug/l	99
49) 1,4-Dioxane	6.61	88	58347	1105.97	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	933521	268.21	ug/l	98
52) Toluene	7.64	92	260165	48.26	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	147867	42.11	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	152050	40.63	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	112645	51.41	ug/l	98
56) Ethyl methacrylate	8.02	69	189413	51.64	ug/l	99
57) 1,3-Dichloropropane	8.25	76	188272	50.93	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	427568	304.29	ug/l	97
59) 2-Hexanone	8.36	43	750734	264.20	ug/l	100
60) Dibromochloromethane	8.48	129	129544	47.41	ug/l	100
61) 1,2-Dibromoethane	8.59	107	124774	51.16	ug/l	99
64) Tetrachloroethene	8.23	164	115459	49.78	ug/l	98
65) Chlorobenzene	9.12	112	296773	47.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	115050	48.58	ug/l	98
67) Ethyl Benzene	9.25	91	507924	46.48	ug/l	97
68) m/p-Xylenes	9.38	106	396888	94.59	ug/l	95
69) o-Xylene	9.78	106	199966	48.15	ug/l	96
70) Styrene	9.80	104	328179	48.09	ug/l	99
71) Bromoform	9.96	173	106910	47.50	ug/l #	98
73) Isopropylbenzene	10.17	105	528144	47.51	ug/l	98
74) N-amyl acetate	10.01	43	263580	49.85	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	195834	52.57	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	169683m	53.23	ug/l	
77) Bromobenzene	10.45	156	138248	49.13	ug/l	94
78) n-propylbenzene	10.59	91	604572	46.17	ug/l	99
79) 2-Chlorotoluene	10.66	91	364072	47.15	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	453537	47.07	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	49843m	36.19	ug/l	
82) 4-Chlorotoluene	10.78	91	419345	46.66	ug/l	99
83) tert-Butylbenzene	11.10	119	443013	47.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	468875	47.75	ug/l	99
85) sec-Butylbenzene	11.33	105	545262	47.00	ug/l	97
86) p-Isopropyltoluene	11.48	119	478789	46.08	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	246873	47.48	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	251401	48.04	ug/l	99
89) n-Butylbenzene	11.89	91	395037	42.83	ug/l	97
90) Hexachloroethane	12.15	117	89590	44.20	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	259867	49.90	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	52611	51.19	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	169672	52.76	ug/l	100
94) Hexachlorobutadiene	13.70	225	78544	43.39	ug/l	98
95) Naphthalene	13.74	128	600623	56.33	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	180577	56.35	ug/l	99

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

