

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024731.D
 Acq On : 19 Jun 2018 08:22
 Operator : MD/SY
 Sample : J3535-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW002-180613MS

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:09 PM

Quant Time: Jun 19 08:50:33 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	153893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251112	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	241141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145124	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	116364	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
35) Dibromofluoromethane	4.89	113	99742	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	7.57	98	363665	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	10.31	95	141904	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	76992	39.97	ug/l	100
3) Chloromethane	1.33	50	94977	48.26	ug/l	99
4) Vinyl Chloride	1.40	62	99424	48.99	ug/l	99
5) Bromomethane	1.62	94	57692	58.80	ug/l	100
6) Chloroethane	1.70	64	65546	57.96	ug/l	99
7) Trichlorofluoromethane	1.89	101	155110	50.08	ug/l	100
8) Diethyl Ether	2.10	74	61810	58.98	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	85310	44.40	ug/l	96
10) Methyl Iodide	2.41	142	91017	55.34	ug/l	97
11) Tert butyl alcohol	2.82	59	137486	225.01	ug/l	99
12) 1,1-Dichloroethene	2.29	96	83537	47.67	ug/l	91
13) Acrolein	2.19	56	47038	146.60	ug/l	99
14) Allyl chloride	2.60	41	124330	38.21	ug/l	93
15) Acrylonitrile	2.93	53	319201	268.50	ug/l	98
16) Acetone	2.32	43	272302	201.72	ug/l	95
17) Carbon Disulfide	2.48	76	235898	42.04	ug/l	99
18) Methyl Acetate	2.62	43	135432	46.80	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	327003	49.64	ug/l	97
20) Methylene Chloride	2.71	84	101660	48.00	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	91038	47.17	ug/l	93
22) Diisopropyl ether	3.57	45	325525	50.47	ug/l	98
23) Vinyl Acetate	3.53	43	1190373	206.03	ug/l	99
24) 1,1-Dichloroethane	3.45	63	185333	49.95	ug/l	99
25) 2-Butanone	4.26	43	450034	248.20	ug/l	96
26) 2,2-Dichloropropane	4.23	77	40091	11.38	ug/l	79
27) cis-1,2-Dichloroethene	4.23	96	111825	50.40	ug/l	87
28) Bromochloromethane	4.55	49	90813	55.57	ug/l	87
29) Tetrahydrofuran	4.63	42	291461	259.57	ug/l	97
30) Chloroform	4.68	83	189239	50.39	ug/l	98
31) Cyclohexane	5.00	56	160199	48.56	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	166084	47.82	ug/l	97
36) 1,1-Dichloropropene	5.14	75	130182	44.12	ug/l	96
37) Ethyl Acetate	4.38	43	141448	43.98	ug/l	96
38) Carbon Tetrachloride	5.14	117	151078	46.56	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	154146	41.86	ug/l	94
40) Benzene	5.39	78	409165	48.66	ug/l	99
41) Methacrylonitrile	4.54	41	92380	53.28	ug/l	98
42) 1,2-Dichloroethane	5.41	62	154342	48.20	ug/l	99
43) Isopropyl Acetate	5.55	43	246325	44.31	ug/l	99
44) Trichloroethene	6.19	130	111412	46.56	ug/l	91
45) 1,2-Dichloropropane	6.44	63	112424	50.11	ug/l	98
46) Dibromomethane	6.56	93	78688	49.93	ug/l	94
47) Bromodichloromethane	6.76	83	147652	47.05	ug/l	100
48) Methyl methacrylate	6.62	41	133797	49.43	ug/l	99
49) 1,4-Dioxane	6.61	88	57638	1088.77	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	892751	255.61	ug/l	98
52) Toluene	7.64	92	260088	48.08	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	136999	38.88	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	141532	37.69	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	112056	50.96	ug/l	98
56) Ethyl methacrylate	8.02	69	182931	49.70	ug/l	99
57) 1,3-Dichloropropane	8.25	76	187166	50.46	ug/l	99
59) 2-Hexanone	8.36	43	708662	248.54	ug/l	100
60) Dibromochloromethane	8.48	129	129144	47.10	ug/l	100
61) 1,2-Dibromoethane	8.59	107	123155	50.32	ug/l	100
64) Tetrachloroethene	8.23	164	95601	41.71	ug/l	97
65) Chlorobenzene	9.12	112	299352	48.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	114830	49.06	ug/l	99
67) Ethyl Benzene	9.25	91	511644	47.38	ug/l	98
68) m/p-Xylenes	9.38	106	400266	96.52	ug/l	96
69) o-Xylene	9.78	106	203246	49.52	ug/l	95
70) Styrene	9.80	104	323934	48.03	ug/l	99
71) Bromoform	9.96	173	106847	48.03	ug/l #	98
73) Isopropylbenzene	10.17	105	534620	47.98	ug/l	99
74) N-amyl acetate	10.01	43	217720	41.08	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	194566	52.11	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	154707m	48.42	ug/l	
77) Bromobenzene	10.45	156	138064	48.95	ug/l	95
78) n-propylbenzene	10.59	91	596713	45.46	ug/l	97
79) 2-Chlorotoluene	10.66	91	365091	47.17	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	461478	47.79	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	41736m	30.23	ug/l	
82) 4-Chlorotoluene	10.78	91	420891	46.72	ug/l	99
83) tert-Butylbenzene	11.10	119	467874	50.37	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	475334	48.30	ug/l	100
85) sec-Butylbenzene	11.33	105	539893	46.43	ug/l	97
86) p-Isopropyltoluene	11.48	119	471815	45.30	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	246777	47.35	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	250586	47.77	ug/l	99
89) n-Butylbenzene	11.89	91	379028	40.99	ug/l	98
90) Hexachloroethane	12.15	117	91570	45.07	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	258180	49.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50812	49.32	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	162781	50.50	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	72897	40.18	ug/l	99
95) Naphthalene	13.74	128	571857	53.54	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	172971	53.85	ug/l	99

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

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