

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025903.D
 Acq On : 06 Aug 2018 21:59
 Operator : MD/SY
 Sample : J4263-12MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0519MS

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 1:51:43 PM

Quant Time: Aug 07 04:24:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	179312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	274402	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	270888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	169841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	142575	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	4.89	113	118402	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	7.57	98	413527	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	10.31	95	160320	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100677	37.15	ug/l	99
3) Chloromethane	1.33	50	103336	39.89	ug/l	98
4) Vinyl Chloride	1.40	62	112385	46.10	ug/l	99
5) Bromomethane	1.63	94	53164	44.65	ug/l	99
6) Chloroethane	1.70	64	68785	48.26	ug/l	97
7) Trichlorofluoromethane	1.89	101	168359	47.77	ug/l	99
8) Diethyl Ether	2.10	74	60774	47.66	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.29	101	99107	48.59	ug/l	99
10) Methyl Iodide	2.41	142	69838	38.99	ug/l	99
11) Tert butyl alcohol	2.83	59	136214	222.69	ug/l	98
12) 1,1-Dichloroethene	2.28	96	93274	48.45	ug/l	98
13) Acrolein	2.19	56	91186	412.95	ug/l	100
14) Allyl chloride	2.59	41	161117	46.57	ug/l	97
15) Acrylonitrile	2.94	53	321650	263.37	ug/l	99
16) Acetone	2.32	43	363658	266.98	ug/l	98
17) Carbon Disulfide	2.48	76	298884	47.97	ug/l	100
18) Methyl Acetate	2.62	43	143256	43.70	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	370677	53.13	ug/l #	88
20) Methylene Chloride	2.70	84	114156	47.29	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	110252	49.54	ug/l	99
22) Diisopropyl ether	3.58	45	358533	52.59	ug/l	93
23) Vinyl Acetate	3.53	43	1506976	253.62	ug/l	99
24) 1,1-Dichloroethane	3.45	63	207606	50.73	ug/l	99
25) 2-Butanone	4.27	43	572019	308.49	ug/l	100
26) 2,2-Dichloropropane	4.23	77	161115	43.31	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	126360	50.36	ug/l	97
28) Bromochloromethane	4.55	49	91823	50.18	ug/l	100
29) Tetrahydrofuran	4.64	42	286760	258.13	ug/l	99
30) Chloroform	4.68	83	218709	50.63	ug/l	100
31) Cyclohexane	5.00	56	186203	52.37	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	198435	51.02	ug/l	99
36) 1,1-Dichloropropene	5.14	75	161036	50.22	ug/l	99
37) Ethyl Acetate	4.38	43	166151	49.97	ug/l	99
38) Carbon Tetrachloride	5.14	117	179185	49.33	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	184636	50.25	ug/l	99
40) Benzene	5.39	78	474727	50.64	ug/l	98
41) Methacrylonitrile	4.54	41	93992	50.89	ug/l	98
42) 1,2-Dichloroethane	5.41	62	180151	49.91	ug/l	99
43) Isopropyl Acetate	5.55	43	268899	48.94	ug/l	99
44) Trichloroethene	6.19	130	126780	48.57	ug/l	99
45) 1,2-Dichloropropane	6.44	63	122478	50.10	ug/l	99
46) Dibromomethane	6.56	93	86492	48.83	ug/l	99
47) Bromodichloromethane	6.76	83	172317	51.00	ug/l	99
48) Methyl methacrylate	6.63	41	139750	51.89	ug/l	97
49) 1,4-Dioxane	6.62	88	57628	879.35	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	1104767	321.15	ug/l	100
52) Toluene	7.64	92	297374	51.06	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	191405	50.45	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	192402	49.37	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	125638	51.91	ug/l	98
56) Ethyl methacrylate	8.02	69	185619	53.68	ug/l	98
57) 1,3-Dichloropropane	8.25	76	203579	50.02	ug/l	99
59) 2-Hexanone	8.36	43	850158	315.27	ug/l	99
60) Dibromochloromethane	8.48	129	144558	50.65	ug/l	99
61) 1,2-Dibromoethane	8.59	107	138042	51.29	ug/l	99
64) Tetrachloroethene	8.23	164	110640	46.40	ug/l	98
65) Chlorobenzene	9.12	112	340670	48.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	127790	50.58	ug/l	99
67) Ethyl Benzene	9.25	91	1152534	99.62	ug/l	99
68) m/p-Xylenes	9.38	106	680600	153.24	ug/l	99
69) o-Xylene	9.78	106	223240	51.43	ug/l	100
70) Styrene	9.80	104	363045	51.78	ug/l	98
71) Bromoform	9.96	173	113644	51.87	ug/l #	99
73) Isopropylbenzene	10.17	105	643628	55.52	ug/l	100
74) N-amyl acetate	10.01	43	242655	51.28	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	199373	49.74	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	165342m	44.18	ug/l	
77) Bromobenzene	10.45	156	158865	49.69	ug/l	98
78) n-propylbenzene	10.59	91	790121	58.40	ug/l	100
79) 2-Chlorotoluene	10.66	91	409164	51.63	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	593033	60.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	50964m	34.15	ug/l	
82) 4-Chlorotoluene	10.78	91	491394	52.60	ug/l	100
83) tert-Butylbenzene	11.10	119	499594	51.08	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	1253868	125.68	ug/l	98
85) sec-Butylbenzene	11.33	105	603221	50.51	ug/l	99
86) p-Isopropyltoluene	11.48	119	547536	51.20	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	291474	49.11	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	295782	47.81	ug/l	99
89) n-Butylbenzene	11.89	91	491257	49.78	ug/l	98
90) Hexachloroethane	12.15	117	101436	53.35	ug/l	90
91) 1,2-Dichlorobenzene	11.88	146	290933	50.01	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.66	75	48837	51.39	ug/l	99
93) 1,2,4-Trichlorobenzene	13.51	180	205370	52.31	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	87289	42.18	ug/l	100
95) Naphthalene	13.74	128	713627	56.42	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	202872	51.80	ug/l	95

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

