

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071118\
 Data File : VU025328.D
 Acq On : 11 Jul 2018 20:45
 Operator : MD/SY
 Sample : J3922-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS037MW036-180709MS

Manual Integrations
 APPROVED

MMDadoda
 7/12/2018 11:04:21 AM

Quant Time: Jul 12 05:04:11 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	169574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	260224	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	247008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150918	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	127110	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
35) Dibromofluoromethane	4.89	113	101646	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	
50) Toluene-d8	7.57	98	335635	44.65	ug/l	0.00
Spiked Amount			Recovery	=	89.30%	
62) 4-Bromofluorobenzene	10.31	95	139460	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81087	46.21	ug/l	99
3) Chloromethane	1.33	50	86443	49.44	ug/l	100
4) Vinyl Chloride	1.40	62	93073	48.26	ug/l	100
5) Bromomethane	1.62	94	51833	52.97	ug/l	99
6) Chloroethane	1.69	64	61440	50.10	ug/l	96
7) Trichlorofluoromethane	1.89	101	148307	48.93	ug/l	98
8) Diethyl Ether	2.10	74	58461	51.40	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.29	101	93393	49.72	ug/l	99
10) Methyl Iodide	2.41	142	100317	48.07	ug/l	99
11) Tert butyl alcohol	2.82	59	153431	266.96	ug/l	100
12) 1,1-Dichloroethene	2.28	96	84364	49.08	ug/l	96
13) Acrolein	2.19	56	57163	150.34	ug/l	99
14) Allyl chloride	2.59	41	144914	46.49	ug/l	100
15) Acrylonitrile	2.93	53	323076	273.42	ug/l	100
16) Acetone	2.32	43	301569	224.82	ug/l	98
17) Carbon Disulfide	2.48	76	216296	43.33	ug/l	100
18) Methyl Acetate	2.62	43	151648	56.22	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	355087	54.31	ug/l	98
20) Methylene Chloride	2.70	84	106813	52.37	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	96007	48.88	ug/l	99
22) Diisopropyl ether	3.57	45	340665	53.51	ug/l	98
23) Vinyl Acetate	3.53	43	1443839	258.53	ug/l	100
24) 1,1-Dichloroethane	3.45	63	193688	53.95	ug/l	99
25) 2-Butanone	4.26	43	471185	258.03	ug/l	100
26) 2,2-Dichloropropane	4.23	77	144009	41.72	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	118156	51.99	ug/l	98
28) Bromochloromethane	4.55	49	92618	53.42	ug/l	98
29) Tetrahydrofuran	4.63	42	298466	272.50	ug/l	99
30) Chloroform	4.68	83	205197	53.97	ug/l	99
31) Cyclohexane	5.00	56	159702	48.03	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	185033	53.70	ug/l	99
36) 1,1-Dichloropropene	5.14	75	138753	47.96	ug/l	99
37) Ethyl Acetate	4.38	43	164226	50.90	ug/l	99
38) Carbon Tetrachloride	5.14	117	160638	51.59	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	167757	46.49	ug/l	99
40) Benzene	5.39	78	424841	50.96	ug/l	98
41) Methacrylonitrile	4.54	41	96622	54.01	ug/l	98
42) 1,2-Dichloroethane	5.41	62	174625	52.69	ug/l	99
43) Isopropyl Acetate	5.55	43	278728	53.95	ug/l	98
44) Trichloroethene	6.19	130	114834	47.97	ug/l	100
45) 1,2-Dichloropropane	6.44	63	115263	52.79	ug/l	98
46) Dibromomethane	6.56	93	81381	51.21	ug/l	99
47) Bromodichloromethane	6.76	83	156237	52.93	ug/l	97
48) Methyl methacrylate	6.62	41	141623	54.98	ug/l	99
49) 1,4-Dioxane	6.62	88	60411	974.73	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	911882	271.55	ug/l	99
52) Toluene	7.64	92	274192	51.69	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	162266	50.03	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	172386	49.94	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	119107	53.92	ug/l	98
56) Ethyl methacrylate	8.02	69	183768	53.26	ug/l	99
57) 1,3-Dichloropropane	8.25	76	194493	53.04	ug/l	99
59) 2-Hexanone	8.36	43	707433	259.72	ug/l	99
60) Dibromochloromethane	8.48	129	129721	54.37	ug/l	99
61) 1,2-Dibromoethane	8.59	107	127784	54.06	ug/l	99
64) Tetrachloroethene	8.23	164	103090	45.79	ug/l	99
65) Chlorobenzene	9.12	112	1636015	265.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	120965	54.80	ug/l	100
67) Ethyl Benzene	9.25	91	539983	51.33	ug/l	100
68) m/p-Xylenes	9.38	106	415035	102.05	ug/l	100
69) o-Xylene	9.78	106	210502	51.70	ug/l	96
70) Stvrene	9.80	104	339792	52.54	ug/l	99
71) Bromoform	9.96	173	102272	48.12	ug/l #	99
73) Isopropylbenzene	10.17	105	571132	49.53	ug/l	99
74) N-amyl acetate	10.01	43	239816	50.79	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	194148	51.46	ug/l	97
76) 1,2,3-Trichloropropane	10.50	75	175336m	56.15	ug/l	
77) Bromobenzene	10.45	156	146388	49.62	ug/l	98
78) n-propylbenzene	10.59	91	628826	49.14	ug/l	100
79) 2-Chlorotoluene	10.66	91	379296	51.62	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	481437	49.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	56471m	46.97	ug/l	
82) 4-Chlorotoluene	10.78	91	438258	48.37	ug/l	100
83) tert-Butylbenzene	11.10	119	535962	54.66	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	489612	49.24	ug/l	98
85) sec-Butylbenzene	11.33	105	610134	52.85	ug/l	96
86) p-Isopropyltoluene	11.48	119	513015	50.19	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	264887	49.13	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	266146	50.52	ug/l	100
89) n-Butylbenzene	11.89	91	416718	49.59	ug/l	99
90) Hexachloroethane	12.15	117	88766	51.28	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	270242	49.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	50996	55.73	ug/l	97
93) 1,2,4-Trichlorobenzene	13.51	180	171696	47.28	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	95042	48.81	ug/l	99
95) Naphthalene	13.74	128	577036	51.97	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	183095	49.49	ug/l	97

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

