

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024772.D
 Acq On : 20 Jun 2018 21:10
 Operator : MD/SY
 Sample : J3529-10MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MSD

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:44:48 PM

Quant Time: Jun 21 08:21:01 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	172231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	266984	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	255679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153491	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	130429	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	4.89	113	106458	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	7.57	98	374776	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	10.31	95	147353	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91748	42.56	ug/l	99
3) Chloromethane	1.33	50	103869	47.16	ug/l	99
4) Vinyl Chloride	1.40	62	109853	48.36	ug/l	99
5) Bromomethane	1.62	94	57319	52.20	ug/l	100
6) Chloroethane	1.69	64	68732	54.24	ug/l	99
7) Trichlorofluoromethane	1.89	101	157702	45.50	ug/l	100
8) Diethyl Ether	2.10	74	65668	55.89	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	90746	42.20	ug/l	96
10) Methyl Iodide	2.41	142	97665	53.28	ug/l	98
11) Tert butyl alcohol	2.82	59	190733	278.92	ug/l	99
12) 1,1-Dichloroethene	2.28	96	91316	46.56	ug/l	92
13) Acrolein	2.19	56	68335	190.30	ug/l	98
14) Allyl chloride	2.59	41	149963	41.18	ug/l	94
15) Acrylonitrile	2.93	53	337897	253.97	ug/l	99
16) Acetone	2.32	43	472252	312.60	ug/l	99
17) Carbon Disulfide	2.48	76	276620	44.05	ug/l	98
18) Methyl Acetate	2.61	43	178441	55.10	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	384501	52.16	ug/l	98
20) Methylene Chloride	2.70	84	107746	45.45	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	95718	44.31	ug/l	95
22) Diisopropyl ether	3.57	45	349394	48.40	ug/l	95
23) Vinyl Acetate	3.53	43	1595892	246.81	ug/l	100
24) 1,1-Dichloroethane	3.45	63	196149	47.24	ug/l	98
25) 2-Butanone	4.26	43	558254	275.10	ug/l	98
26) 2,2-Dichloropropane	4.23	77	161445	40.95	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	119874	48.27	ug/l	96
28) Bromochloromethane	4.55	49	88183	48.21	ug/l	88
29) Tetrahydrofuran	4.63	42	354064	281.75	ug/l	96
30) Chloroform	4.68	83	204878	48.75	ug/l	97
31) Cyclohexane	5.00	56	166550	44.97	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	180656	46.48	ug/l	97
36) 1,1-Dichloropropene	5.14	75	140156	44.67	ug/l	97
37) Ethyl Acetate	4.38	43	192702	56.36	ug/l	97
38) Carbon Tetrachloride	5.14	117	164781	47.76	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	159532	40.75	ug/l	95
40) Benzene	5.39	78	535900	59.95	ug/l	100
41) Methacrylonitrile	4.54	41	102757	55.74	ug/l	97
42) 1,2-Dichloroethane	5.41	62	172580	50.69	ug/l	100
43) Isopropyl Acetate	5.55	43	303080	51.28	ug/l	98
44) Trichloroethene	6.19	130	116349	45.73	ug/l	96
45) 1,2-Dichloropropane	6.44	63	119545	50.12	ug/l	99
46) Dibromomethane	6.56	93	84631	50.51	ug/l	96
47) Bromodichloromethane	6.76	83	162289	48.64	ug/l	99
48) Methyl methacrylate	6.62	41	145384	50.51	ug/l	99
49) 1,4-Dioxane	6.61	88	74728	1327.67	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	1060765	285.66	ug/l	99
52) Toluene	7.64	92	284817	49.52	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	178338	47.60	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	185997	46.59	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	118902	50.86	ug/l	97
56) Ethyl methacrylate	8.02	69	193486	49.45	ug/l	99
57) 1,3-Dichloropropane	8.25	76	200497	50.84	ug/l	99
59) 2-Hexanone	8.36	43	847957	279.71	ug/l	99
60) Dibromochloromethane	8.48	129	139157	47.73	ug/l	100
61) 1,2-Dibromoethane	8.59	107	131859	50.67	ug/l	98
64) Tetrachloroethene	8.23	164	100322	41.28	ug/l	98
65) Chlorobenzene	9.12	112	314458	48.14	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	121755	49.06	ug/l	98
67) Ethyl Benzene	9.25	91	543973	47.51	ug/l	98
68) m/p-Xylenes	9.38	106	426133	96.91	ug/l	96
69) o-Xylene	9.78	106	213164	48.99	ug/l	96
70) Styrene	9.80	104	330254	46.18	ug/l	100
71) Bromoform	9.96	173	112304	47.61	ug/l #	100
73) Isopropylbenzene	10.17	105	559448	47.47	ug/l	99
74) N-amyl acetate	10.01	43	292683	52.22	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	209132	52.96	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	186045m	55.05	ug/l	
77) Bromobenzene	10.46	156	143871	48.22	ug/l	96
78) n-propylbenzene	10.59	91	633558	45.64	ug/l	97
79) 2-Chlorotoluene	10.66	91	380855	46.52	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	481496	47.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	63889m	43.76	ug/l	
82) 4-Chlorotoluene	10.78	91	442576	46.45	ug/l	98
83) tert-Butylbenzene	11.10	119	482490	49.11	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	503095	48.33	ug/l	99
85) sec-Butylbenzene	11.33	105	576880	46.91	ug/l	98
86) p-Isopropyltoluene	11.48	119	516181	46.86	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	264026	47.90	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	265805	47.91	ug/l	100
89) n-Butylbenzene	11.89	91	438465	44.84	ug/l	97
90) Hexachloroethane	12.15	117	90937	42.32	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	269915	48.89	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	61257	56.22	ug/l	92
93) 1,2,4-Trichlorobenzene	13.51	180	184476	54.11	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	91090	47.47	ug/l	99
95) Naphthalene	13.74	128	711206	62.84	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	193597	56.99	ug/l	99

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

