

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024797.D
 Acq On : 21 Jun 2018 08:05
 Operator : MD/SY
 Sample : J3585-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CKMW21MSD

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:45:13 PM

Quant Time: Jun 21 08:58:34 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	171954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269396	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	258817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	125767	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
35) Dibromofluoromethane	4.89	113	100824	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
50) Toluene-d8	7.57	98	362528	44.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.90%	
62) 4-Bromofluorobenzene	10.31	95	144277	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	95747	44.49	ug/l	98
3) Chloromethane	1.33	50	97960	44.55	ug/l	100
4) Vinyl Chloride	1.40	62	103754	45.75	ug/l	98
5) Bromomethane	1.62	94	63857	58.25	ug/l	98
6) Chloroethane	1.70	64	67205	53.10	ug/l	98
7) Trichlorofluoromethane	1.89	101	164142	47.43	ug/l	98
8) Diethyl Ether	2.10	74	62038	52.78	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	90402	42.11	ug/l	95
10) Methyl Iodide	2.41	142	88922	49.05	ug/l	98
11) Tert butyl alcohol	2.82	59	139408	204.19	ug/l	99
12) 1,1-Dichloroethene	2.29	96	88906	45.41	ug/l	91
13) Acrolein	2.19	56	70225	195.87	ug/l	97
14) Allyl chloride	2.60	41	142336	39.15	ug/l	98
15) Acrylonitrile	2.93	53	299607	225.55	ug/l	98
16) Acetone	2.32	43	271440	179.96	ug/l	99
17) Carbon Disulfide	2.48	76	256774	40.96	ug/l	99
18) Methyl Acetate	2.61	43	139266	43.07	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	340639	46.28	ug/l	98
20) Methylene Chloride	2.70	84	103426	43.70	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	97478	45.20	ug/l	96
22) Diisopropyl ether	3.57	45	340866	47.30	ug/l	96
23) Vinyl Acetate	3.53	43	1323956	205.09	ug/l	99
24) 1,1-Dichloroethane	3.45	63	191813	46.27	ug/l	99
25) 2-Butanone	4.26	43	441649	217.99	ug/l	96
26) 2,2-Dichloropropane	4.23	77	114435	29.07	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	115885	46.74	ug/l	94
28) Bromochloromethane	4.55	49	84385	46.21	ug/l	84
29) Tetrahydrofuran	4.63	42	283325	225.82	ug/l	95
30) Chloroform	4.68	83	204614	48.76	ug/l	99
31) Cyclohexane	5.00	56	173405	46.98	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	180101	46.41	ug/l	97
36) 1,1-Dichloropropene	5.14	75	142973	45.16	ug/l	97
37) Ethyl Acetate	4.38	43	153832	44.59	ug/l	98
38) Carbon Tetrachloride	5.14	117	164117	47.15	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	174072	44.06	ug/l	93
40) Benzene	5.39	78	425449	47.17	ug/l	99
41) Methacrylonitrile	4.54	41	94815	50.97	ug/l	99
42) 1,2-Dichloroethane	5.41	62	168813	49.14	ug/l	100
43) Isopropyl Acetate	5.55	43	255169	42.79	ug/l	98
44) Trichloroethene	6.19	130	116510	45.38	ug/l	99
45) 1,2-Dichloropropane	6.44	63	116404	48.36	ug/l	99
46) Dibromomethane	6.56	93	83026	49.11	ug/l	95
47) Bromodichloromethane	6.76	83	161246	47.90	ug/l	98
48) Methyl methacrylate	6.62	41	136103	46.87	ug/l	97
49) 1,4-Dioxane	6.61	88	61949	1090.78	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	886743	236.66	ug/l	98
52) Toluene	7.64	92	271003	46.70	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	164640	43.55	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	172446	42.81	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	114241	48.43	ug/l	99
56) Ethyl methacrylate	8.02	69	187173	47.41	ug/l	98
57) 1,3-Dichloropropane	8.25	76	194259	48.82	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	420	0.28	ug/l #	50
59) 2-Hexanone	8.36	43	702717	229.72	ug/l	100
60) Dibromochloromethane	8.48	129	134389	45.68	ug/l	99
61) 1,2-Dibromoethane	8.59	107	125823	47.92	ug/l	98
64) Tetrachloroethene	8.23	164	102861	41.81	ug/l	99
65) Chlorobenzene	9.12	112	314676	47.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	120057	47.79	ug/l	98
67) Ethyl Benzene	9.25	91	542100	46.77	ug/l	96
68) m/p-Xylenes	9.38	106	421960	94.80	ug/l	96
69) o-Xylene	9.78	106	211074	47.92	ug/l	96
70) Styrene	9.80	104	344265	47.56	ug/l	99
71) Bromoform	9.96	173	107840	45.17	ug/l #	99
73) Isopropylbenzene	10.17	105	567047	47.59	ug/l	99
74) N-amyl acetate	10.01	43	230855	40.73	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	195623	48.99	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	162069m	47.43	ug/l	
77) Bromobenzene	10.45	156	145968	48.39	ug/l	95
78) n-propylbenzene	10.59	91	638994	45.52	ug/l	97
79) 2-Chlorotoluene	10.66	91	387088	46.76	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	490096	47.45	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	52016m	35.23	ug/l	
82) 4-Chlorotoluene	10.78	91	444898	46.18	ug/l	99
83) tert-Butylbenzene	11.10	119	489917	49.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	499743	47.48	ug/l	100
85) sec-Butylbenzene	11.33	105	579990	46.64	ug/l	97
86) p-Isopropyltoluene	11.48	119	519704	46.66	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	264244	47.41	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	269121	47.97	ug/l	99
89) n-Butylbenzene	11.89	91	429353	43.42	ug/l	97
90) Hexachloroethane	12.15	117	93906	43.22	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	273431	48.98	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	52571	47.71	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	186036	53.96	ug/l	99
94) Hexachlorobutadiene	13.70	225	88285	45.50	ug/l	99
95) Naphthalene	13.74	128	616078	53.93	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	192135	55.93	ug/l	99

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

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