

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024825.D
 Acq On : 21 Jun 2018 20:57
 Operator : MD/SY
 Sample : J3539-05MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0183MSD

Manual Integrations
 APPROVED

apatel
 6/22/2018 4:02:17 PM

Quant Time: Jun 22 05:14:23 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	162067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273454	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	261640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	133321	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	4.89	113	106952	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
50) Toluene-d8	7.57	98	386436	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
62) 4-Bromofluorobenzene	10.31	95	149272	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91678	45.19	ug/l	98
3) Chloromethane	1.33	50	103043	49.72	ug/l	100
4) Vinyl Chloride	1.40	62	105773	49.49	ug/l	98
5) Bromomethane	1.62	94	60847	58.89	ug/l	98
6) Chloroethane	1.69	64	69506	58.37	ug/l	100
7) Trichlorofluoromethane	1.89	101	165506	50.74	ug/l	100
8) Diethyl Ether	2.10	74	63890	57.85	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	84261	41.64	ug/l	98
10) Methyl Iodide	2.41	142	91854	53.25	ug/l	99
11) Tert butyl alcohol	2.82	59	145316	225.83	ug/l	100
12) 1,1-Dichloroethene	2.28	96	88034	47.71	ug/l	93
13) Acrolein	2.19	56	69084	204.45	ug/l	97
14) Allyl chloride	2.59	41	142860m	41.69	ug/l	
15) Acrylonitrile	2.93	53	320808	256.24	ug/l	100
16) Acetone	2.32	43	304039	213.87	ug/l	98
17) Carbon Disulfide	2.48	76	250294	42.36	ug/l	99
18) Methyl Acetate	2.62	43	99419	32.62	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	347473	50.09	ug/l	97
20) Methylene Chloride	2.70	84	104128	46.68	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	96554	47.51	ug/l	96
22) Diisopropyl ether	3.57	45	335018	49.32	ug/l	96
23) Vinyl Acetate	3.53	43	847828	139.34	ug/l	98
24) 1,1-Dichloroethane	3.45	63	194429	49.76	ug/l	99
25) 2-Butanone	4.26	43	470267	246.28	ug/l	98
26) 2,2-Dichloropropane	4.23	77	34496	9.30	ug/l #	75
27) cis-1,2-Dichloroethene	4.23	96	122049	52.23	ug/l	90
28) Bromochloromethane	4.55	49	87383	50.77	ug/l	89
29) Tetrahydrofuran	4.63	42	300763	254.35	ug/l	97
30) Chloroform	4.68	83	204482	51.70	ug/l	100
31) Cyclohexane	5.00	56	168815	48.60	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	184209	50.37	ug/l	97
36) 1,1-Dichloropropene	5.14	75	140989	43.88	ug/l	97
37) Ethyl Acetate	4.38	43	111311	31.78	ug/l	98
38) Carbon Tetrachloride	5.14	117	165181	46.75	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	152895	38.13	ug/l	96
40) Benzene	5.39	78	434225	47.42	ug/l	99
41) Methacrylonitrile	4.54	41	97677	51.73	ug/l	99
42) 1,2-Dichloroethane	5.41	62	173178	49.66	ug/l	99
43) Isopropyl Acetate	5.55	43	212678	35.13	ug/l	100
44) Trichloroethene	6.19	130	154287	59.21	ug/l	96
45) 1,2-Dichloropropane	6.44	63	117186	47.97	ug/l	96
46) Dibromomethane	6.56	93	84307	49.13	ug/l	95
47) Bromodichloromethane	6.76	83	160448	46.95	ug/l	99
48) Methyl methacrylate	6.62	41	141778	48.10	ug/l	97
49) 1,4-Dioxane	6.61	88	61566	1067.95	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	932698	245.23	ug/l	98
52) Toluene	7.64	92	277810	47.16	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	137177	35.75	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	143330	35.05	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	117366	49.01	ug/l	96
56) Ethyl methacrylate	8.02	69	190198	47.46	ug/l	99
57) 1,3-Dichloropropane	8.25	76	195286	48.35	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	481	0.31	ug/l #	50
59) 2-Hexanone	8.36	43	741206	238.71	ug/l	99
60) Dibromochloromethane	8.48	129	137601	46.08	ug/l	99
61) 1,2-Dibromoethane	8.59	107	127308	47.77	ug/l	97
64) Tetrachloroethene	8.23	164	103041	41.43	ug/l	94
65) Chlorobenzene	9.12	112	316406	47.34	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	120753	47.55	ug/l	98
67) Ethyl Benzene	9.25	91	541926	46.25	ug/l	97
68) m/p-Xylenes	9.38	106	419943	93.33	ug/l	98
69) o-Xylene	9.78	106	212155	47.64	ug/l	97
70) Styrene	9.80	104	343722	46.97	ug/l	99
71) Bromoform	9.96	173	108932	45.13	ug/l #	99
73) Isopropylbenzene	10.17	105	565339	47.52	ug/l	98
74) N-amyl acetate	10.01	43	153016	27.04	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	198018	49.67	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	168829m	49.49	ug/l	
77) Bromobenzene	10.45	156	146697	48.71	ug/l	95
78) n-propylbenzene	10.59	91	626517	44.71	ug/l	98
79) 2-Chlorotoluene	10.66	91	389954	47.19	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	485906	47.13	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	40283m	27.33	ug/l	
82) 4-Chlorotoluene	10.78	91	443352	46.10	ug/l	99
83) tert-Butylbenzene	11.10	119	492092	49.62	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	494474	47.06	ug/l	100
85) sec-Butylbenzene	11.33	105	566948	45.67	ug/l	97
86) p-Isopropyltoluene	11.48	119	501586	45.11	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	260569	46.83	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	263330	47.02	ug/l	99
89) n-Butylbenzene	11.89	91	390048	39.51	ug/l	96
90) Hexachloroethane	12.15	117	95460	44.01	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	275613	49.46	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53935	49.03	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	171456	49.82	ug/l	99
94) Hexachlorobutadiene	13.70	225	82712	42.70	ug/l	99
95) Naphthalene	13.74	128	617036	54.10	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	186704	54.45	ug/l	99

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

