

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062518\
 Data File : VU024917.D
 Acq On : 26 Jun 2018 08:39
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:20:52 AM

Quant Time: Jun 26 10:21:24 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	182782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	280913	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	261497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	157531	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	137553	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	
35) Dibromofluoromethane	4.89	113	110774	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
50) Toluene-d8	7.57	98	382173	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	
62) 4-Bromofluorobenzene	10.31	95	153965	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	97183	42.48	ug/l	99
3) Chloromethane	1.33	50	94066	40.24	ug/l	100
4) Vinyl Chloride	1.40	62	102742	42.62	ug/l	98
5) Bromomethane	1.62	94	54059	46.39	ug/l	99
6) Chloroethane	1.69	64	69604	51.71	ug/l	100
7) Trichlorofluoromethane	1.89	101	174237	47.36	ug/l	100
8) Diethyl Ether	2.10	74	66510	53.25	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.29	101	100699	44.12	ug/l	97
10) Methyl Iodide	2.41	142	106735	54.71	ug/l	99
11) Tert butyl alcohol	2.83	59	158758	218.76	ug/l	100
12) 1,1-Dichloroethene	2.28	96	91103	43.77	ug/l	97
13) Acrolein	2.20	56	45789	120.15	ug/l	96
14) Allyl chloride	2.60	41	178672	46.24	ug/l	91
15) Acrylonitrile	2.94	53	322497	228.40	ug/l	99
16) Acetone	2.33	43	306244	191.01	ug/l	99
17) Carbon Disulfide	2.48	76	243630	36.56	ug/l	100
18) Methyl Acetate	2.62	43	182270	53.03	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	383195	48.98	ug/l	97
20) Methylene Chloride	2.70	84	116944	46.49	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	103110	44.98	ug/l	96
22) Diisopropyl ether	3.57	45	361888	47.24	ug/l	96
23) Vinyl Acetate	3.53	43	1487451	216.76	ug/l	98
24) 1,1-Dichloroethane	3.45	63	209109	47.45	ug/l	99
25) 2-Butanone	4.26	43	465117	215.98	ug/l	98
26) 2,2-Dichloropropane	4.23	77	142085	33.96	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	124980	47.42	ug/l	96
28) Bromochloromethane	4.55	49	95960	49.44	ug/l	86
29) Tetrahydrofuran	4.64	42	298157	223.57	ug/l	97
30) Chloroform	4.68	83	220397	49.41	ug/l	99
31) Cyclohexane	5.00	56	181114	46.13	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	202524	49.10	ug/l	96
36) 1,1-Dichloropropene	5.14	75	150818	45.69	ug/l	98
37) Ethyl Acetate	4.38	43	172896	48.06	ug/l	98
38) Carbon Tetrachloride	5.14	117	178631	49.21	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	180577	43.84	ug/l	95
40) Benzene	5.39	78	449932	47.84	ug/l	100
41) Methacrylonitrile	4.55	41	97122	50.07	ug/l	97
42) 1,2-Dichloroethane	5.41	62	184700	51.56	ug/l	100
43) Isopropyl Acetate	5.55	43	284711	45.78	ug/l	99
44) Trichloroethene	6.19	130	124301	46.43	ug/l	95
45) 1,2-Dichloropropane	6.44	63	123890	49.36	ug/l	97
46) Dibromomethane	6.56	93	87239	49.49	ug/l	94
47) Bromodichloromethane	6.76	83	172116	49.03	ug/l	98
48) Methyl methacrylate	6.62	41	146230	48.29	ug/l	98
49) 1,4-Dioxane	6.63	88	68112	1150.13	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	925406	236.85	ug/l	98
52) Toluene	7.64	92	288756	47.72	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	176412	44.75	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	188480	44.87	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	123898	50.37	ug/l	98
56) Ethyl methacrylate	8.02	69	197934	48.08	ug/l	100
57) 1,3-Dichloropropane	8.25	76	206534	49.77	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	99658	63.18	ug/l	96
59) 2-Hexanone	8.36	43	725529	227.46	ug/l	99
60) Dibromochloromethane	8.48	129	141005	45.97	ug/l	98
61) 1,2-Dibromoethane	8.59	107	134687	49.19	ug/l	100
64) Tetrachloroethene	8.23	164	132522	53.32	ug/l	95
65) Chlorobenzene	9.12	112	330396	49.46	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	129958	51.21	ug/l	97
67) Ethyl Benzene	9.25	91	573505	48.97	ug/l	98
68) m/p-Xylenes	9.38	106	441033	98.07	ug/l	98
69) o-Xylene	9.78	106	220676	49.58	ug/l	96
70) Styrene	9.80	104	362189	49.52	ug/l	98
71) Bromoform	9.96	173	114526	47.48	ug/l #	98
73) Isopropylbenzene	10.17	105	596914	49.35	ug/l	99
74) N-amyl acetate	10.01	43	260628	45.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	203997	50.33	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	183894m	53.02	ug/l	
77) Bromobenzene	10.45	156	154872	50.58	ug/l	94
78) n-propylbenzene	10.59	91	669849	47.02	ug/l	97
79) 2-Chlorotoluene	10.66	91	407269	48.47	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	511486	48.79	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.50	75	231853	154.72	ug/l #	100
82) 4-Chlorotoluene	10.77	91	474246	48.50	ug/l	100
83) tert-Butylbenzene	11.10	119	505117	50.09	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	525042	49.15	ug/l	99
85) sec-Butylbenzene	11.33	105	613367	48.59	ug/l	98
86) p-Isopropyltoluene	11.48	119	548371	48.51	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	276589	48.89	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	281778	49.49	ug/l	99
89) n-Butylbenzene	11.89	91	446191	44.46	ug/l	98
90) Hexachloroethane	12.15	117	98292	44.57	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	291398	51.43	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53498	47.84	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	190883	54.55	ug/l	99
94) Hexachlorobutadiene	13.69	225	96680	49.09	ug/l	99
95) Naphthalene	13.74	128	641651	55.32	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	204420	58.63	ug/l	100

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

