

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061318\
 Data File : VU024502.D
 Acq On : 13 Jun 2018 12:42
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 9:44:32 AM

Quant Time: Jun 13 13:14:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:03:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	195529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310178	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	173479	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	161489	41.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.42%	
35) Dibromofluoromethane	4.89	113	129809	40.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.50%	
50) Toluene-d8	7.57	98	474811	39.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.76%	
62) 4-Bromofluorobenzene	10.31	95	186247	42.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	119205	40.221	ug/l	100
3) Chloromethane	1.33	50	115836	33.542	ug/l	100
4) Vinyl Chloride	1.40	62	125686	32.692	ug/l	99
5) Bromomethane	1.62	94	63196	29.913	ug/l	99
6) Chloroethane	1.70	64	74429	28.620	ug/l	100
7) Trichlorofluoromethane	1.89	101	188535	36.113	ug/l	98
8) Diethyl Ether	2.10	74	71051	34.042	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	118208	40.677	ug/l	98
10) Methyl Iodide	2.41	142	101208	54.928	ug/l	99
11) Tert butyl alcohol	2.82	59	181996	247.463	ug/l	99
12) 1,1-Dichloroethene	2.28	96	111107	40.812	ug/l	94
13) Acrolein	2.19	56	98292	128.392	ug/l	98
14) Allyl chloride	2.60	41	197962	42.860	ug/l	97
15) Acrylonitrile	2.94	53	385728	196.369	ug/l	99
16) Acetone	2.32	43	406171	164.336	ug/l	98
17) Carbon Disulfide	2.48	76	348866	41.652	ug/l	99
18) Methyl Acetate	2.62	43	181427	36.937	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	413159	48.294	ug/l	97
20) Methylene Chloride	2.71	84	126543	37.260	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	119400	40.875	ug/l	97
22) Diisopropyl ether	3.57	45	402483	43.247	ug/l	96
23) Vinyl Acetate	3.53	43	1844627	269.686	ug/l	99
24) 1,1-Dichloroethane	3.45	63	234653	40.271	ug/l	99
25) 2-Butanone	4.26	43	588419	199.093	ug/l	97
26) 2,2-Dichloropropane	4.23	77	218039	49.081	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	138036	43.488	ug/l	98
28) Bromochloromethane	4.55	49	110186	51.637	ug/l	89
29) Tetrahydrofuran	4.64	42	350425	207.771	ug/l	97
30) Chloroform	4.68	83	235405	39.873	ug/l	100
31) Cyclohexane	5.00	56	216825	37.523	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	213406	44.943	ug/l	96
36) 1,1-Dichloropropene	5.14	75	176568	39.889	ug/l	99
37) Ethyl Acetate	4.38	43	210491	42.412	ug/l	98
38) Carbon Tetrachloride	5.14	117	197238	46.794	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	219420	45.879	ug/l	96
40) Benzene	5.39	78	514215	38.541	ug/l	100
41) Methacrylonitrile	4.54	41	113791	40.911	ug/l	99
42) 1,2-Dichloroethane	5.41	62	194589	38.082	ug/l	100
43) Isopropyl Acetate	5.55	43	334721	44.283	ug/l	97
44) Trichloroethene	6.19	130	141749	40.775	ug/l	97
45) 1,2-Dichloropropane	6.44	63	137232	38.272	ug/l	99
46) Dibromomethane	6.56	93	98191	41.363	ug/l	99
47) Bromodichloromethane	6.76	83	190225	41.418	ug/l	98
48) Methyl methacrylate	6.63	41	166426	44.913	ug/l	100
49) 1,4-Dioxane	6.61	88	60387	772.457	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1064211	195.149	ug/l	99
52) Toluene	7.64	92	327004	41.299	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	218750	45.800	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	228784	43.901	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	128888	37.943	ug/l	99
56) Ethyl methacrylate	8.02	69	221680	50.073	ug/l	99
57) 1,3-Dichloropropane	8.25	76	223970	38.394	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	442436	194.311	ug/l	96
59) 2-Hexanone	8.36	43	855730	196.135	ug/l	100
60) Dibromochloromethane	8.48	129	162447	47.132	ug/l	100
61) 1,2-Dibromoethane	8.59	107	146257	41.166	ug/l	99
64) Tetrachloroethene	8.23	164	139511	47.884	ug/l	99
65) Chlorobenzene	9.12	112	368774	43.237	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	138316	47.247	ug/l	98
67) Ethyl Benzene	9.25	91	644129	46.839	ug/l	97
68) m/p-Xylenes	9.38	106	494852	94.464	ug/l	98
69) o-Xylene	9.78	106	242084	50.135	ug/l	97
70) Styrene	9.80	104	404963	49.257	ug/l	98
71) Bromoform	9.96	173	130235	51.541	ug/l #	99
73) Isopropylbenzene	10.17	105	651781	54.498	ug/l	98
74) N-amyl acetate	10.01	43	310354	57.330	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	211831	40.836	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	188385m	51.774	ug/l	
77) Bromobenzene	10.45	156	165582	49.999	ug/l	97
78) n-propylbenzene	10.59	91	772923	52.128	ug/l	97
79) 2-Chlorotoluene	10.66	91	448992	49.888	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	556275	54.846	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	80572m	46.976	ug/l	
82) 4-Chlorotoluene	10.78	91	529463	50.707	ug/l	99
83) tert-Butylbenzene	11.10	119	538380	54.531	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	577535	56.350	ug/l	100
85) sec-Butylbenzene	11.33	105	681754	54.999	ug/l	97
86) p-Isopropyltoluene	11.48	119	606761	55.387	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	304794	47.885	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	306820	46.048	ug/l	99
89) n-Butylbenzene	11.89	91	558562	51.818	ug/l	97
90) Hexachloroethane	12.15	117	115428	58.775	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	302359	47.504	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	62519	59.045	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	211618	56.286	ug/l	99
94) Hexachlorobutadiene	13.70	225	107429	48.104	ug/l	99
95) Naphthalene	13.74	128	654365	63.651	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	213108	56.094	ug/l	99

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

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