

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024841.D
 Acq On : 22 Jun 2018 19:01
 Operator : MD/SY
 Sample : VU0623WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0623WBS01

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:59:41 AM

Quant Time: Jun 23 03:55:18 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	178339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	271449	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	249699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147956	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	132811	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.24%		
35) Dibromofluoromethane	4.89	113	107383	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.34%		
50) Toluene-d8	7.57	98	377748	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.94%		
62) 4-Bromofluorobenzene	10.31	95	149730	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.78%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	39425	17.66	ug/l	99
3) Chloromethane	1.33	50	41505	18.20	ug/l	98
4) Vinyl Chloride	1.40	62	43364	18.44	ug/l	97
5) Bromomethane	1.62	94	28102	24.72	ug/l	93
6) Chloroethane	1.70	64	28466	21.05	ug/l	98
7) Trichlorofluoromethane	1.89	101	71907	20.03	ug/l	99
8) Diethyl Ether	2.10	74	26614	20.69	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42391	19.04	ug/l	97
10) Methyl Iodide	2.41	142	36564	22.64	ug/l	99
11) Tert butyl alcohol	2.82	59	59606	84.18	ug/l	100
12) 1,1-Dichloroethene	2.29	96	37584	18.51	ug/l	90
13) Acrolein	2.19	56	30865	83.01	ug/l	96
14) Allyl chloride	2.59	41	65108	17.27	ug/l	97
15) Acrylonitrile	2.94	53	130258	94.55	ug/l	97
16) Acetone	2.32	43	141738	90.61	ug/l	97
17) Carbon Disulfide	2.48	76	104722	16.11	ug/l	99
18) Methyl Acetate	2.62	43	67096	20.01	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	146872	19.24	ug/l	98
20) Methylene Chloride	2.71	84	46466	18.93	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	40782	18.23	ug/l	95
22) Diisopropyl ether	3.57	45	144071	19.28	ug/l	94
23) Vinyl Acetate	3.53	43	623359	93.10	ug/l	98
24) 1,1-Dichloroethane	3.45	63	82241	19.13	ug/l	98
25) 2-Butanone	4.26	43	193667	92.17	ug/l	98
26) 2,2-Dichloropropane	4.23	77	77716	19.04	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	49461	19.24	ug/l	100
28) Bromochloromethane	4.55	49	36143	19.08	ug/l	90
29) Tetrahydrofuran	4.63	42	116047	89.18	ug/l	97
30) Chloroform	4.68	83	84321	19.38	ug/l	96
31) Cyclohexane	5.00	56	73921	18.10	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	76693	19.06	ug/l	97
36) 1,1-Dichloropropene	5.14	75	59467	18.64	ug/l	96
37) Ethyl Acetate	4.38	43	70376	20.24	ug/l	97
38) Carbon Tetrachloride	5.14	117	68856	19.63	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77142	19.38	ug/l	93
40) Benzene	5.39	78	178547	19.64	ug/l	100
41) Methacrylonitrile	4.54	41	38401	20.49	ug/l	98
42) 1,2-Dichloroethane	5.41	62	72637	20.98	ug/l	100
43) Isopropyl Acetate	5.55	43	115568	19.23	ug/l	99
44) Trichloroethene	6.19	130	49765	19.24	ug/l	94
45) 1,2-Dichloropropane	6.44	63	48437	19.97	ug/l	94
46) Dibromomethane	6.56	93	34413	20.20	ug/l	96
47) Bromodichloromethane	6.76	83	66370	19.57	ug/l	99
48) Methyl methacrylate	6.62	41	57445	19.63	ug/l	97
49) 1,4-Dioxane	6.62	88	26072	455.60	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	367359	97.30	ug/l	99
52) Toluene	7.64	92	115376	19.73	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	71614	18.80	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	75855	18.69	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	48205	20.28	ug/l	96
56) Ethyl methacrylate	8.02	69	77070	19.37	ug/l	98
57) 1,3-Dichloropropane	8.25	76	80635	20.11	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	143303	94.02	ug/l	96
59) 2-Hexanone	8.36	43	296080	96.06	ug/l	100
60) Dibromochloromethane	8.48	129	54048	18.23	ug/l	98
61) 1,2-Dibromoethane	8.59	107	51345	19.41	ug/l	97
64) Tetrachloroethene	8.23	164	44605	18.79	ug/l	96
65) Chlorobenzene	9.12	112	132435	20.76	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	48910	20.18	ug/l	98
67) Ethyl Benzene	9.25	91	225402	20.16	ug/l	96
68) m/p-Xylenes	9.38	106	177912	41.43	ug/l	95
69) o-Xylene	9.78	106	87554	20.60	ug/l	95
70) Styrene	9.80	104	140425	20.11	ug/l	99
71) Bromoform	9.96	173	40510	17.59	ug/l #	99
73) Isopropylbenzene	10.17	105	234870	20.68	ug/l	99
74) N-amyl acetate	10.01	43	103017	19.07	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	78745	20.69	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	74969m	23.01	ug/l	
77) Bromobenzene	10.45	156	57992	20.17	ug/l	96
78) n-propylbenzene	10.59	91	267832	20.02	ug/l	98
79) 2-Chlorotoluene	10.66	91	161181	20.43	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	203206	20.64	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	25008m	17.77	ug/l	
82) 4-Chlorotoluene	10.78	91	183488	19.98	ug/l	99
83) tert-Butylbenzene	11.10	119	202242	21.35	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	206103	20.54	ug/l	100
85) sec-Butylbenzene	11.33	105	245881	20.74	ug/l	98
86) p-Isopropyltoluene	11.48	119	216817	20.42	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	109103	20.53	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	110062	20.58	ug/l	99
89) n-Butylbenzene	11.89	91	180008	19.10	ug/l	97
90) Hexachloroethane	12.15	117	37984	18.34	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	112691	21.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	20177	19.21	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	74574	22.69	ug/l	99
94) Hexachlorobutadiene	13.70	225	39619	21.42	ug/l	98
95) Naphthalene	13.75	128	240360	22.47	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	80284	24.52	ug/l	98

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

