

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025087.D
 Acq On : 30 Jun 2018 14:45
 Operator : MD/SY
 Sample : Vu0630WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0630WBSD01

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:17:06 PM

Quant Time: Jul 02 06:49:08 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	173239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	264920	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	247766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	141369	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	135470	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
35) Dibromofluoromethane	4.89	113	109882	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
50) Toluene-d8	7.57	98	355688	44.35	ug/l	0.00
Spiked Amount			Recovery	=	88.70%	
62) 4-Bromofluorobenzene	10.31	95	149568	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	38130	17.58	ug/l	100
3) Chloromethane	1.33	50	40304	18.19	ug/l	99
4) Vinyl Chloride	1.40	62	44771	19.60	ug/l	100
5) Bromomethane	1.62	94	29190	26.43	ug/l	97
6) Chloroethane	1.70	64	29427	22.47	ug/l	99
7) Trichlorofluoromethane	1.89	101	74065	21.24	ug/l	96
8) Diethyl Ether	2.10	74	27544	22.17	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	43570	20.14	ug/l	97
10) Methyl Iodide	2.41	142	43496	26.54	ug/l	98
11) Tert butyl alcohol	2.82	59	71646	104.16	ug/l	99
12) 1,1-Dichloroethene	2.28	96	39321	19.93	ug/l	99
13) Acrolein	2.19	56	14725	40.77	ug/l	99
14) Allyl chloride	2.60	41	68586	18.73	ug/l	97
15) Acrylonitrile	2.94	53	137251	102.56	ug/l	99
16) Acetone	2.32	43	152368	100.27	ug/l	99
17) Carbon Disulfide	2.48	76	110472	17.49	ug/l	100
18) Methyl Acetate	2.62	43	79279	24.34	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	159008	21.44	ug/l	95
20) Methylene Chloride	2.70	84	48875	20.50	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	43138	19.86	ug/l	99
22) Diisopropyl ether	3.57	45	151745	20.90	ug/l	93
23) Vinyl Acetate	3.53	43	636704	97.90	ug/l	99
24) 1,1-Dichloroethane	3.45	63	87696	21.00	ug/l	98
25) 2-Butanone	4.26	43	206843	101.34	ug/l	94
26) 2,2-Dichloropropane	4.23	77	83512	21.06	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	52656	21.08	ug/l	99
28) Bromochloromethane	4.55	49	36756	19.98	ug/l	85
29) Tetrahydrofuran	4.64	42	128529	101.68	ug/l	97
30) Chloroform	4.68	83	93131	22.03	ug/l	96
31) Cyclohexane	5.00	56	80986	20.68	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	85723	21.93	ug/l	96
36) 1,1-Dichloropropene	5.14	75	64966	20.87	ug/l	98
37) Ethyl Acetate	4.38	43	73366	21.62	ug/l	96
38) Carbon Tetrachloride	5.14	117	73542	21.48	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	80304	20.67	ug/l	95
40) Benzene	5.39	78	191867	21.63	ug/l	100
41) Methacrylonitrile	4.54	41	40845	22.33	ug/l	98
42) 1,2-Dichloroethane	5.41	62	80106	23.71	ug/l	99
43) Isopropyl Acetate	5.55	43	119959	20.45	ug/l	99
44) Trichloroethene	6.19	130	52894	20.95	ug/l	96
45) 1,2-Dichloropropane	6.44	63	49965	21.11	ug/l	99
46) Dibromomethane	6.56	93	36749	22.10	ug/l	95
47) Bromodichloromethane	6.76	83	69637	21.04	ug/l	98
48) Methyl methacrylate	6.63	41	61096	21.39	ug/l	97
49) 1,4-Dioxane	6.62	88	27986	501.09	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	383321	104.03	ug/l	98
52) Toluene	7.64	92	123062	21.56	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	74807	20.12	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	77773	19.63	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	51356	22.14	ug/l	96
56) Ethyl methacrylate	8.02	69	78132	20.12	ug/l	98
57) 1,3-Dichloropropane	8.25	76	86550	22.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	133867	90.00	ug/l	96
59) 2-Hexanone	8.36	43	307965	102.38	ug/l	98
60) Dibromochloromethane	8.48	129	54927	18.99	ug/l	100
61) 1,2-Dibromoethane	8.59	107	55010	21.31	ug/l	100
64) Tetrachloroethene	8.23	164	50231	21.33	ug/l	98
65) Chlorobenzene	9.12	112	140436	22.19	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	53711	22.34	ug/l	98
67) Ethyl Benzene	9.25	91	240529	21.68	ug/l	98
68) m/p-Xylenes	9.38	106	188904	44.33	ug/l	96
69) o-Xylene	9.78	106	93229	22.11	ug/l	97
70) Styrene	9.80	104	144232	20.81	ug/l	98
71) Bromoform	9.96	173	42628	18.65	ug/l #	98
73) Isopropylbenzene	10.17	105	251866	23.21	ug/l	100
74) N-amyl acetate	10.01	43	103063	19.96	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	82484	22.68	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	74209m	23.84	ug/l	
77) Bromobenzene	10.45	156	63105	22.97	ug/l	95
78) n-propylbenzene	10.59	91	276443	21.62	ug/l	97
79) 2-Chlorotoluene	10.66	91	172553	22.89	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	215745	22.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	22129m	16.46	ug/l	
82) 4-Chlorotoluene	10.78	91	190232	21.68	ug/l	100
83) tert-Butylbenzene	11.10	119	215623	23.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	216687	22.60	ug/l	99
85) sec-Butylbenzene	11.33	105	251668	22.22	ug/l	98
86) p-Isopropyltoluene	11.48	119	221038	21.79	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	109890	21.65	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	111230	21.77	ug/l	99
89) n-Butylbenzene	11.89	91	169998	18.87	ug/l	97
90) Hexachloroethane	12.15	117	38692	19.55	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	117090	23.03	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	19882	19.81	ug/l	94

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93) 1,2,4-Trichlorobenzene	13.51	180	67998	21.66	ug/l	98
94) Hexachlorobutadiene	13.70	225	39314	22.24	ug/l	99
95) Naphthalene	13.74	128	217230	21.29	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	71683	22.91	ug/l	99

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

