

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103018\
 Data File : VU027869.D
 Acq On : 30 Oct 2018 12:16
 Operator : MD/SY
 Sample : VSTD02047
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02047

Quant Time: Oct 31 01:47:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 31 01:42:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	85598	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	83970	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43436	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	149989	22.43	ug/L	0.00
7) Chloroethane-d5	1.68	69	112666	21.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	277089	21.82	ug/L	0.00
20) 2-Butanone-d5	4.20	46	437759	218.69	ug/L	0.00
24) Chloroform-d	4.65	84	266708	22.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	150452	21.74	ug/L	0.00
32) Benzene-d6	5.34	84	501851	21.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	174780	21.47	ug/L	0.00
41) Toluene-d8	7.57	98	472014	21.59	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	74043	23.49	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	376925	218.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129831	22.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	173676	20.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	183081	21.726	ug/L 99
3) Chloromethane	1.33	50	183700	21.981	ug/L 100
5) Vinyl chloride	1.40	62	183464	22.050	ug/L 97
6) Bromomethane	1.63	94	70003	25.607	ug/L 97
8) Chloroethane	1.70	64	100118	20.532	ug/L 100
9) Trichlorofluoromethane	1.89	101	238669	21.606	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	123988	21.998	ug/L 98
12) 1,1-Dichloroethene	2.29	96	116882	21.985	ug/L 95
13) Acetone	2.33	43	254897	202.683	ug/L 96
14) Carbon disulfide	2.48	76	408637	21.517	ug/L 99
15) Methyl Acetate	2.62	43	67971	20.191	ug/L 98
16) Methylene chloride	2.70	84	125584	21.024	ug/L 98
17) Methyl tert-butyl Ether	3.01	73	340047	21.454	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	124342	22.001	ug/L 99
19) 1,1-Dichloroethane	3.45	63	263945	22.124	ug/L 98
21) 2-Butanone	4.28	43	463952	212.185	ug/L 99
22) cis-1,2-Dichloroethene	4.23	96	144356	22.100	ug/L 99
23) Bromochloromethane	4.55	128	59401	21.945	ug/L 99
25) Chloroform	4.68	83	266268	22.015	ug/L 98
27) 1,2-Dichloroethane	5.41	62	186369	22.080	ug/L 98
29) 1,1,1-Trichloroethane	4.92	97	238564	22.016	ug/L 99
30) Cyclohexane	4.99	56	277875	21.826	ug/L 99
31) Carbon tetrachloride	5.13	117	207052	22.266	ug/L 100
33) Benzene	5.39	78	572545	21.531	ug/L 100
34) Trichloroethene	6.19	95	152749	22.070	ug/L 98
35) Methylcyclohexane	6.41	83	256732	21.804	ug/L 98
37) 1,2-Dichloropropane	6.43	63	163609	21.598	ug/L 100
38) Bromodichloromethane	6.76	83	195976	22.128	ug/L 96
39) cis-1,3-Dichloropropene	7.27	75	243908	22.462	ug/L 99
40) 4-Methyl-2-pentanone	7.47	43	1158769	216.519	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.64	91	611802	21.992	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	207702	22.298	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	100469	21.562	ug/L	99
47) Tetrachloroethene	8.23	164	115983	21.812	ug/L	99
48) 2-Hexanone	8.37	43	839264	217.526	ug/L	98
49) Dibromochloromethane	8.48	129	128286	22.796	ug/L	98
50) 1,2-Dibromoethane	8.59	107	99583	22.336	ug/L	98
51) Chlorobenzene	9.12	112	374893	21.722	ug/L	98
52) Ethylbenzene	9.25	91	710970	22.412	ug/L	98
53) m,p-xylene	9.38	106	255100	22.179	ug/L	98
54) o-xylene	9.78	106	250304	22.156	ug/L	98
55) Styrene	9.79	104	429766	22.694	ug/L	99
56) Isopropylbenzene	10.17	105	686899	22.318	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	134863	22.194	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	99287	21.624	ug/L	98
61) Bromoform	9.96	173	75265	23.554	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	305406	21.862	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	308833	22.116	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	284003	21.530	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	23197	22.439	ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	249402	22.184	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	223501	23.376	ug/L	99
69) Naphthalene	13.74	128	357693	24.059	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	200279	22.998	ug/L	98

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

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