

Data File : VU029282.D
Acq On : 25 Jan 2019 11:41
Operator : JC/SP
Sample : VSTD02046
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD02046

Quant Time: Jan 28 01:34:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 28 01:29:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	67682	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	71765	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41078	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133436	20.83	ug/L	0.00
7) Chloroethane-d5	1.67	69	98978	20.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	232290	20.43	ug/L	0.00
20) 2-Butanone-d5	4.19	46	296412	224.30	ug/L	0.00
24) Chloroform-d	4.64	84	221074	21.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	118767	20.40	ug/L	0.00
32) Benzene-d6	5.34	84	424970	20.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	127244	20.79	ug/L	0.00
41) Toluene-d8	7.56	98	406645	21.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	60422	22.20	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	298031	237.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114466	21.14	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	170549	20.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	187304	19.999 ug/L	99
3) Chloromethane	1.32	50	161142	19.619 ug/L	98
5) Vinyl chloride	1.40	62	163794	19.943 ug/L	99
6) Bromomethane	1.61	94	93059	21.042 ug/L	98
8) Chloroethane	1.69	64	86242	18.794 ug/L	99
9) Trichlorofluoromethane	1.88	101	214700	19.658 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	111670	20.107 ug/L	99
12) 1,1-Dichloroethene	2.28	96	103212	20.162 ug/L	98
13) Acetone	2.32	43	186235	188.219 ug/L	99
14) Carbon disulfide	2.47	76	348029	19.631 ug/L	100
15) Methyl Acetate	2.62	43	44839	18.907 ug/L	98
16) Methylene chloride	2.70	84	108017	17.980 ug/L	94
17) Methyl tert-butyl Ether	3.00	73	271691	20.446 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	110024	19.808 ug/L	96
19) 1,1-Dichloroethane	3.44	63	193883	19.563 ug/L	99
21) 2-Butanone	4.28	43	301517	210.531 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	116734	20.903 ug/L	96
23) Bromochloromethane	4.54	128	50999	20.102 ug/L	96
25) Chloroform	4.67	83	207469	19.990 ug/L	98
27) 1,2-Dichloroethane	5.40	62	143426	20.179 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	189661	19.493 ug/L	98
30) Cyclohexane	4.99	56	184219	21.058 ug/L	97
31) Carbon tetrachloride	5.13	117	165094	19.892 ug/L	99
33) Benzene	5.39	78	442775	19.780 ug/L	100
34) Trichloroethene	6.18	95	117689	19.858 ug/L	98
35) Methylcyclohexane	6.41	83	195256	20.603 ug/L	98
37) 1,2-Dichloropropane	6.43	63	114255	19.340 ug/L	99
38) Bromodichloromethane	6.75	83	153371	19.645 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	182116	21.446 ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	743777	208.648 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	493375	20.427	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	159100	21.548	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	83142	19.580	ug/L	98
47) Tetrachloroethene	8.22	164	102969	19.794	ug/L	99
48) 2-Hexanone	8.36	43	550234	211.790	ug/L	99
49) Dibromochloromethane	8.48	129	106508	20.203	ug/L	98
50) 1,2-Dibromoethane	8.58	107	79716	19.405	ug/L	97
51) Chlorobenzene	9.12	112	319609	20.130	ug/L	98
52) Ethylbenzene	9.25	91	568697	21.460	ug/L	99
53) m,p-xylene	9.37	106	213741	21.229	ug/L	97
54) o-xylene	9.78	106	209965	21.919	ug/L	99
55) Styrene	9.79	104	371022	22.260	ug/L	99
56) Isopropylbenzene	10.16	105	578655	22.421	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	111076	20.073	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	81008	19.907	ug/L	100
61) Bromoform	9.95	173	64909	18.963	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	276632	20.097	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	284711	19.397	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	271525	20.101	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	20571	21.402	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	242280	20.886	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	218734	22.521	ug/L	97
69) Naphthalene	13.74	128	384439	24.993	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	203493	22.499	ug/L	99

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

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