

Data File : VU029279.D
Acq On : 25 Jan 2019 10:31
Operator : JC/SP
Sample : VSTD00143
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00143

Quant Time: Jan 28 01:32:22 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	5.89	114	65728	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	65484	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	34110	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	5827	0.94	ug/L	0.00
7) Chloroethane-d5	1.68	69	4284	0.93	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	10683	0.97	ug/L	0.00
20) 2-Butanone-d5	4.20	46	11821	9.21	ug/L	0.00
24) Chloroform-d	4.65	84	9432	0.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	5585	0.99	ug/L	0.00
32) Benzene-d6	5.34	84	17550	0.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	5230	0.94	ug/L	0.00
41) Toluene-d8	7.56	98	15621	0.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	2303	0.93	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	9317	8.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	4570	0.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	5969	0.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	9382	1.032 ug/L	100
3) Chloromethane	1.33	50	8386	1.051 ug/L	99
5) Vinyl chloride	1.40	62	8212	1.030 ug/L	98
6) Bromomethane	1.63	94	4290	0.999 ug/L	96
8) Chloroethane	1.70	64	4375	0.982 ug/L	91
9) Trichlorofluoromethane	1.89	101	11184	1.054 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5315	0.985 ug/L	96
12) 1,1-Dichloroethene	2.29	96	4940	0.994 ug/L	89
13) Acetone	2.34	43	10804	11.244 ug/L	95
14) Carbon disulfide	2.48	76	18097	1.051 ug/L	95
15) Methyl Acetate	2.62	43	2435	1.057 ug/L #	89
16) Methylene chloride	2.70	84	6498	1.114 ug/L	91
17) Methyl tert-butyl Ether	3.01	73	13334	1.033 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	5621	1.042 ug/L	94
19) 1,1-Dichloroethane	3.44	63	10293	1.069 ug/L	94
21) 2-Butanone	4.29	43	13666	9.826 ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	5312	0.979 ug/L	95
23) Bromochloromethane	4.55	128	2713	1.101 ug/L	88
25) Chloroform	4.67	83	10592	1.051 ug/L	95
27) 1,2-Dichloroethane	5.41	62	7131	1.033 ug/L	98
29) 1,1,1-Trichloroethane	4.92	97	9090	1.024 ug/L	94
30) Cyclohexane	4.99	56	7909	0.991 ug/L	97
31) Carbon tetrachloride	5.13	117	8057	1.064 ug/L	99
33) Benzene	5.39	78	21171	1.037 ug/L	100
34) Trichloroethene	6.19	95	5628	1.041 ug/L	96
35) Methylcyclohexane	6.41	83	8895	1.029 ug/L	94
37) 1,2-Dichloropropane	6.43	63	5688	1.055 ug/L #	94
38) Bromodichloromethane	6.76	83	7520	1.056 ug/L #	98
39) cis-1,3-Dichloropropene	7.27	75	7718	0.996 ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	33566	10.319 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	22347	1.014	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	6486	0.963	ug/L	95
45) 1,1,2-Trichloroethane	8.07	97	4093	1.056	ug/L	95
47) Tetrachloroethene	8.22	164	5072	1.069	ug/L	96
48) 2-Hexanone	8.37	43	22737	9.591	ug/L	97
49) Dibromochloromethane	8.48	129	5063	1.053	ug/L	95
50) 1,2-Dibromoethane	8.59	107	4044	1.079	ug/L	95
51) Chlorobenzene	9.12	112	15011	1.036	ug/L	96
52) Ethylbenzene	9.25	91	23506	0.972	ug/L	99
53) m,p-xylene	9.37	106	8869	0.965	ug/L	99
54) o-xylene	9.78	106	8220	0.940	ug/L	92
55) Styrene	9.79	104	13785	0.906	ug/L	99
56) Isopropylbenzene	10.17	105	22351	0.949	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	5217	1.033	ug/L	90
59) 1,2,3-Trichloropropane	10.49	75	3804	1.024	ug/L	100
61) Bromoform	9.95	173	3079	1.083	ug/L	95
62) 1,3-Dichlorobenzene	11.42	146	11526	1.008	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	12431	1.020	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	11425	1.019	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.66	75	883	1.106	ug/L #	75
67) 1,3,5-Trichlorobenzene	12.89	180	9846	1.022	ug/L	95
68) 1,2,4-trichlorobenzene	13.50	180	7858	0.974	ug/L	91
69) Naphthalene	13.74	128	11509	0.901	ug/L #	96
70) 1,2,3-Trichlorobenzene	13.99	180	7230	0.963	ug/L	99

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

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