

Data File : VU030532.D
Acq On : 29 Mar 2019 09:30
Operator : JC/SP
Sample : VSTD00102
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00102

Quant Time: Mar 30 00:09:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 30 00:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	210130	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	203983	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	14264	0.89	ug/L	0.00
7) Chloroethane-d5	1.68	69	11499	0.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	30798	0.94	ug/L	0.00
20) 2-Butanone-d5	4.22	46	35779	8.65	ug/L	0.00
24) Chloroform-d	4.65	84	23927	0.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	13825	0.96	ug/L	0.00
32) Benzene-d6	5.34	84	46807	0.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	15767	0.87	ug/L	0.00
41) Toluene-d8	7.56	98	40579	0.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	5663	0.85	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	21158	7.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	11020	0.85	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	14086	0.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	23246	0.993 ug/L	97
3) Chloromethane	1.33	50	27507	1.002 ug/L	99
5) Vinyl chloride	1.40	62	25063	0.997 ug/L	100
6) Bromomethane	1.63	94	12195	0.991 ug/L	97
8) Chloroethane	1.70	64	14307	1.000 ug/L	99
9) Trichlorofluoromethane	1.89	101	30034	1.054 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	16501	1.041 ug/L	98
12) 1,1-Dichloroethene	2.29	96	15170	0.989 ug/L	85
13) Acetone	2.36	43	31996	9.812 ug/L	70
14) Carbon disulfide	2.48	76	55227	1.027 ug/L	99
15) Methyl Acetate	2.63	43	7828	0.947 ug/L	94
16) Methylene chloride	2.70	84	18497	1.035 ug/L	97
17) Methyl tert-butyl Ether	3.01	73	40678	0.991 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	16304	1.007 ug/L	93
19) 1,1-Dichloroethane	3.44	63	34100	0.996 ug/L	97
21) 2-Butanone	4.31	43	44973	8.757 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	16431	0.952 ug/L	99
23) Bromochloromethane	4.55	128	6580	0.954 ug/L	93
25) Chloroform	4.67	83	31864	1.021 ug/L	96
27) 1,2-Dichloroethane	5.41	62	20876	1.031 ug/L	93
29) 1,1,1-Trichloroethane	4.91	97	25285	0.973 ug/L	99
30) Cyclohexane	4.99	56	28307	0.902 ug/L	99
31) Carbon tetrachloride	5.13	117	20809	0.954 ug/L	96
33) Benzene	5.39	78	65696	0.952 ug/L	100
34) Trichloroethene	6.18	95	17357	1.005 ug/L	96
35) Methylcyclohexane	6.41	83	24921	0.904 ug/L	97
37) 1,2-Dichloropropane	6.43	63	18041	0.950 ug/L	99
38) Bromodichloromethane	6.76	83	21988	0.992 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	23087	0.909 ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	107219	9.051 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	64924	0.938	ug/L	95
44) trans-1,3-Dichloropropene	7.88	75	18730	0.953	ug/L	95
45) 1,1,2-Trichloroethane	8.07	97	11421	1.009	ug/L	97
47) Tetrachloroethene	8.22	164	11931	0.985	ug/L	94
48) 2-Hexanone	8.37	43	70932	8.642	ug/L	97
49) Dibromochloromethane	8.48	129	12612	0.931	ug/L	94
50) 1,2-Dibromoethane	8.59	107	10020	0.949	ug/L	100
51) Chlorobenzene	9.12	112	41266	0.967	ug/L	96
52) Ethylbenzene	9.25	91	67057	0.909	ug/L	99
53) m,p-Xylene	9.37	106	21862	0.848	ug/L	97
54) o-Xylene	9.78	106	22337	0.884	ug/L	99
55) Styrene	9.79	104	36478	0.855	ug/L	93
56) Isopropylbenzene	10.16	105	61018	0.903	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	14503	0.963	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	10401	0.980	ug/L	97
61) Bromoform	9.96	173	6789	1.019	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	28205	1.016	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	29017	0.998	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	26447	0.980	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	2068	0.990	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	20320	0.981	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	13901	0.869	ug/L #	93
69) Naphthalene	13.75	128	20073	0.782	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	13786	0.925	ug/L	99

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

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