

Data File : VU029278.D
Acq On : 25 Jan 2019 10:07
Operator : JC/SP
Sample : VSTD0.542
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Quant Time: Jan 28 01:31:40 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	71792	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	72373	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	35719	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	3599	0.53	ug/L	0.00
7) Chloroethane-d5	1.68	69	2523	0.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	6236	0.52	ug/L	0.00
20) 2-Butanone-d5	4.21	46	6074	4.33	ug/L	0.02
24) Chloroform-d	4.65	84	5609	0.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	3095	0.50	ug/L	0.00
32) Benzene-d6	5.34	84	10109	0.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	3136	0.51	ug/L	0.00
41) Toluene-d8	7.56	98	9191	0.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	1140	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	5205	4.12	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	2682	0.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	3703	0.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	4996	0.503 ug/L	95
3) Chloromethane	1.32	50	4615	0.530 ug/L	97
5) Vinyl chloride	1.40	62	4601	0.528 ug/L	98
6) Bromomethane	1.63	94	2381	0.508 ug/L	100
8) Chloroethane	1.70	64	2966	0.609 ug/L	92
9) Trichlorofluoromethane	1.89	101	5848	0.505 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	3120	0.530 ug/L	98
12) 1,1-Dichloroethene	2.29	96	2836	0.522 ug/L	93
13) Acetone	2.34	43	5610	5.345 ug/L	96
14) Carbon disulfide	2.48	76	10046	0.534 ug/L	98
15) Methyl Acetate	2.62	43	1411	0.561 ug/L #	71
16) Methylene chloride	2.70	84	3975	0.624 ug/L	93
17) Methyl tert-butyl Ether	3.00	73	6893	0.489 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	3136	0.532 ug/L	91
19) 1,1-Dichloroethane	3.44	63	5453	0.519 ug/L	99
21) 2-Butanone	4.29	43	7365	4.848 ug/L	95
22) cis-1,2-Dichloroethene	4.23	96	2878	0.486 ug/L	90
23) Bromochloromethane	4.55	128	1259	0.468 ug/L	79
25) Chloroform	4.67	83	5306	0.482 ug/L	96
27) 1,2-Dichloroethane	5.41	62	3711	0.492 ug/L #	93
29) 1,1,1-Trichloroethane	4.91	97	5296	0.540 ug/L	98
30) Cyclohexane	4.99	56	4298	0.487 ug/L	97
31) Carbon tetrachloride	5.13	117	3972	0.475 ug/L	92
33) Benzene	5.39	78	11320	0.501 ug/L	100
34) Trichloroethene	6.19	95	3084	0.516 ug/L	97
35) Methylcyclohexane	6.41	83	4788	0.501 ug/L	98
37) 1,2-Dichloropropane	6.44	63	3103	0.521 ug/L #	85
38) Bromodichloromethane	6.76	83	4035	0.512 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	3916	0.457 ug/L	94
40) 4-Methyl-2-pentanone	7.47	43	16509	4.592 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	11660	0.479	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	3459	0.465	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	2176	0.508	ug/L	94
47) Tetrachloroethene	8.22	164	2633	0.502	ug/L	83
48) 2-Hexanone	8.37	43	12386	4.727	ug/L	94
49) Dibromochloromethane	8.47	129	2607	0.490	ug/L	95
50) 1,2-Dibromoethane	8.59	107	2160	0.521	ug/L #	88
51) Chlorobenzene	9.12	112	8043	0.502	ug/L	98
52) Ethylbenzene	9.25	91	12676	0.474	ug/L	96
53) m,p-xylene	9.38	106	4751	0.468	ug/L	88
54) o-xylene	9.77	106	4460	0.462	ug/L	95
55) Styrene	9.79	104	7589	0.451	ug/L	95
56) Isopropylbenzene	10.17	105	11441	0.440	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	2906	0.521	ug/L #	93
59) 1,2,3-Trichloropropane	10.49	75	2162	0.527	ug/L	98
61) Bromoform	9.96	173	1564	0.525	ug/L #	95
62) 1,3-Dichlorobenzene	11.42	146	6216	0.519	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	7010	0.549	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	6016	0.512	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.66	75	337	0.403	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.89	180	4928	0.489	ug/L	95
68) 1,2,4-trichlorobenzene	13.50	180	3884	0.460	ug/L	93
69) Naphthalene	13.75	128	5396	0.403	ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	3496	0.445	ug/L	90

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

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