

Data File : VU027770.D
Acq On : 24 Oct 2018 08:34
Operator : MD/SY
Sample : VSTD0.542
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.542

Quant Time: Oct 25 04:14:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:12:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	42027	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	41565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	1540	0.45	ug/L	0.00
7) Chloroethane-d5	1.68	69	1251	0.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	3181	0.49	ug/L	0.00
20) 2-Butanone-d5	4.21	46	4617	4.43	ug/L	0.01
24) Chloroform-d	4.66	84	2899	0.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	1767	0.49	ug/L	0.00
32) Benzene-d6	5.34	84	5129	0.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	1879	0.48	ug/L	0.00
41) Toluene-d8	7.57	98	4724	0.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	642	0.40	ug/L	0.01
46) 2-Hexanone-d5	8.32	63	3788	4.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	1302	0.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	1867	0.50	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	2044	0.502	ug/L	94
3) Chloromethane	1.33	50	2281	0.498	ug/L	100
5) Vinyl chloride	1.40	62	2246	0.510	ug/L	98
6) Bromomethane	1.63	94	1096	0.485	ug/L	91
8) Chloroethane	1.71	64	1222	0.513	ug/L #	80
9) Trichlorofluoromethane	1.89	101	2733	0.469	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	1297	0.441	ug/L #	88
12) 1,1-Dichloroethene	2.29	96	1362	0.497	ug/L	95
13) Acetone	2.34	43	4258	5.670	ug/L	90
14) Carbon disulfide	2.48	76	4909	0.522	ug/L #	92
15) Methyl Acetate	2.63	43	1421	0.676	ug/L #	63
16) Methylene chloride	2.71	84	1796	0.556	ug/L	92
17) Methyl tert-butyl Ether	3.01	73	4448	0.507	ug/L #	88
18) trans-1,2-Dichloroethene	2.99	96	1365	0.465	ug/L	95
19) 1,1-Dichloroethane	3.45	63	3423	0.527	ug/L	94
21) 2-Butanone	4.30	43	6164	5.003	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	1841	0.528	ug/L	94
23) Bromochloromethane	4.56	128	711	0.503	ug/L	90
25) Chloroform	4.68	83	3206	0.491	ug/L	97
27) 1,2-Dichloroethane	5.41	62	2422	0.502	ug/L #	79
29) 1,1,1-Trichloroethane	4.91	97	2938	0.491	ug/L	97
30) Cyclohexane	5.00	56	3488	0.521	ug/L #	67
31) Carbon tetrachloride	5.13	117	2480	0.483	ug/L	96
33) Benzene	5.40	78	6813	0.493	ug/L	100
34) Trichloroethene	6.19	95	1664	0.465	ug/L	86
35) Methylcyclohexane	6.42	83	2890	0.483	ug/L	95
37) 1,2-Dichloropropane	6.44	63	2147	0.529	ug/L #	90
38) Bromodichloromethane	6.76	83	2276	0.470	ug/L #	90
39) cis-1,3-Dichloropropene	7.28	75	2773	0.477	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	15093	4.978	ug/L	97

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42) Toluene	7.64	91	7279	0.490	ug/L	96
44) trans-1,3-Dichloropropene	7.89	75	2178	0.445	ug/L	94
45) 1,1,2-Trichloroethane	8.07	97	1210	0.494	ug/L	93
47) Tetrachloroethene	8.22	164	1587	0.546	ug/L	91
48) 2-Hexanone	8.37	43	10293	4.778	ug/L	98
49) Dibromochloromethane	8.48	129	1466	0.470	ug/L	99
50) 1,2-Dibromoethane	8.59	107	1063	0.447	ug/L #	97
51) Chlorobenzene	9.12	112	4564	0.499	ug/L	97
52) Ethylbenzene	9.25	91	8401	0.487	ug/L	98
53) m,p-xylene	9.38	106	2912	0.477	ug/L	96
54) o-xylene	9.78	106	2893	0.485	ug/L	90
55) Styrene	9.80	104	4727	0.468	ug/L	99
56) Isopropylbenzene	10.17	105	7850	0.475	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	1462	0.454	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	1233	0.483	ug/L	91
61) Bromoform	9.96	173	829	0.501	ug/L #	78
62) 1,3-Dichlorobenzene	11.42	146	3643	0.526	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	3808	0.545	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	3413	0.524	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.66	75	228	0.440	ug/L #	68
67) 1,3,5-Trichlorobenzene	12.89	180	2864	0.516	ug/L	92
68) 1,2,4-trichlorobenzene	13.51	180	2378	0.493	ug/L	94
69) Naphthalene	13.75	128	3582	0.457	ug/L #	91
70) 1,2,3-Trichlorobenzene	13.99	180	2152	0.484	ug/L	95

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

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