

Data File : VU027774.D
Acq On : 24 Oct 2018 10:10
Operator : MD/SY
Sample : VSTD02046
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD02046

Quant Time: Oct 25 04:16:58 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	40868	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	41924	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	22363	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71203	21.36	ug/L	0.00
7) Chloroethane-d5	1.68	69	52083	20.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	133118	20.89	ug/L	0.00
20) 2-Butanone-d5	4.19	46	221928	219.10	ug/L	0.00
24) Chloroform-d	4.65	84	126152	21.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	73438	20.75	ug/L	0.00
32) Benzene-d6	5.34	84	232376	20.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	81772	20.61	ug/L	0.00
41) Toluene-d8	7.57	98	223136	20.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	35901	22.29	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	194746	219.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65005	21.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	86358	20.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	82393	20.789 ug/L	99
3) Chloromethane	1.33	50	91345	20.524 ug/L	97
5) Vinyl chloride	1.40	62	87435	20.411 ug/L	99
6) Bromomethane	1.62	94	45168	20.569 ug/L	98
8) Chloroethane	1.69	64	47419	20.480 ug/L	95
9) Trichlorofluoromethane	1.88	101	115845	20.457 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	59306	20.746 ug/L	97
12) 1,1-Dichloroethene	2.29	96	54150	20.328 ug/L	97
13) Acetone	2.32	43	138701	189.946 ug/L	99
14) Carbon disulfide	2.48	76	185422	20.277 ug/L	100
15) Methyl Acetate	2.62	43	35048	17.155 ug/L	96
16) Methylene chloride	2.70	84	61282	19.505 ug/L	98
17) Methyl tert-butyl Ether	3.01	73	171219	20.079 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	58887	20.628 ug/L	94
19) 1,1-Dichloroethane	3.45	63	125228	19.840 ug/L	97
21) 2-Butanone	4.28	43	241032	201.176 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	68232	20.123 ug/L	99
23) Bromochloromethane	4.55	128	28507	20.738 ug/L	98
25) Chloroform	4.68	83	128634	20.239 ug/L	99
27) 1,2-Dichloroethane	5.41	62	94915	20.217 ug/L	100
29) 1,1,1-Trichloroethane	4.92	97	117853	19.544 ug/L	99
30) Cyclohexane	4.99	56	131459	19.463 ug/L	98
31) Carbon tetrachloride	5.13	117	102956	19.898 ug/L	100
33) Benzene	5.39	78	272331	19.548 ug/L	100
34) Trichloroethene	6.19	95	72783	20.165 ug/L	97
35) Methylcyclohexane	6.41	83	121524	20.148 ug/L	98
37) 1,2-Dichloropropane	6.43	63	79362	19.401 ug/L	100
38) Bromodichloromethane	6.76	83	100018	20.479 ug/L	93
39) cis-1,3-Dichloropropene	7.27	75	119340	20.369 ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	610573	199.658 ug/L	100

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42) Toluene	7.64	91	298566	19.909	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	105648	21.411	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	50930	20.629	ug/L	99
47) Tetrachloroethene	8.23	164	56519	19.276	ug/L	98
48) 2-Hexanone	8.37	43	446903	205.670	ug/L	100
49) Dibromochloromethane	8.48	129	67037	21.310	ug/L	95
50) 1,2-Dibromoethane	8.59	107	49537	20.643	ug/L #	98
51) Chlorobenzene	9.12	112	183317	19.856	ug/L	99
52) Ethylbenzene	9.25	91	357025	20.522	ug/L	99
53) m,p-xylene	9.38	106	126840	20.585	ug/L	95
54) o-xylene	9.78	106	121953	20.257	ug/L	99
55) Styrene	9.79	104	212765	20.865	ug/L	100
56) Isopropylbenzene	10.17	105	344368	20.658	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	68660	21.144	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	52052	20.209	ug/L	98
61) Bromoform	9.96	173	38823	20.640	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	154743	19.674	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	154626	19.470	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	146221	19.770	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	13233	22.465	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.89	180	128178	20.316	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	115386	21.055	ug/L	99
69) Naphthalene	13.74	128	194404	21.843	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	105779	20.947	ug/L	99

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

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