

Data File : VU037351.D
Acq On : 20 Mar 2020 17:17
Operator : JC/MD
Sample : VSTD00102
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00102

Quant Time: Mar 21 00:05:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 21 00:03:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	138761	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	140095	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	66324	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	9187	1.19	ug/L	0.00
7) Chloroethane-d5	1.93	69	7996	1.20	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	18643	1.15	ug/L	0.00
20) 2-Butanone-d5	4.68	46	21851	10.05	ug/L	0.00
24) Chloroform-d	5.11	84	19439	1.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	11455	1.15	ug/L	0.00
32) Benzene-d6	5.76	84	33548	1.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	11001	1.11	ug/L	0.00
41) Toluene-d8	7.93	98	33077	1.11	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	4725	1.06	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	17280	9.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	8907	1.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	12685	1.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	16630	1.058 ug/L	98
3) Chloromethane	1.53	50	16381	1.039 ug/L	96
5) Vinyl chloride	1.61	62	15060	1.074 ug/L	94
6) Bromomethane	1.87	94	5822	0.857 ug/L	97
8) Chloroethane	1.95	64	8492	1.048 ug/L	99
9) Trichlorofluoromethane	2.15	101	22586	1.067 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	10619	1.085 ug/L	96
12) 1,1-Dichloroethene	2.60	96	9435	1.063 ug/L	95
13) Acetone	2.68	43	15010	8.485 ug/L	98
14) Carbon disulfide	2.82	76	32861	1.130 ug/L	97
15) Methyl Acetate	3.00	43	4523	1.097 ug/L	91
16) Methylene chloride	3.08	84	10202	0.962 ug/L	99
17) Methyl tert-butyl Ether	3.41	73	24773	0.989 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	10112	1.050 ug/L	97
19) 1,1-Dichloroethane	3.91	63	19415	1.018 ug/L	98
21) 2-Butanone	4.77	43	26246	9.214 ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	11215	1.064 ug/L	88
23) Bromochloromethane	5.01	128	5162	1.083 ug/L	96
25) Chloroform	5.13	83	21807	1.047 ug/L	94
27) 1,2-Dichloroethane	5.83	62	14960	1.029 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	19139	1.011 ug/L	98
30) Cyclohexane	5.42	56	15802	0.936 ug/L	99
31) Carbon tetrachloride	5.56	117	16308	0.977 ug/L	100
33) Benzene	5.81	78	41205	0.991 ug/L	100
34) Trichloroethene	6.57	95	11515	1.018 ug/L	95
35) Methylcyclohexane	6.79	83	16361	0.961 ug/L	98
37) 1,2-Dichloropropane	6.83	63	10974	1.001 ug/L	99
38) Bromodichloromethane	7.13	83	14914	0.969 ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	15253	0.925 ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	64330	8.883 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	43383	0.968	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	14165	1.009	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	7869	0.999	ug/L	96
47) Tetrachloroethene	8.58	164	9760	1.108	ug/L	86
48) 2-Hexanone	8.72	43	44746	8.379	ug/L	98
49) Dibromochloromethane	8.83	129	10008	0.977	ug/L	98
50) 1,2-Dibromoethane	8.95	107	7546	0.979	ug/L #	94
51) Chlorobenzene	9.47	112	28723	0.992	ug/L	98
52) Ethylbenzene	9.59	91	46722	0.922	ug/L	97
53) m,p-Xylene	9.72	106	17612	0.942	ug/L	100
54) o-Xylene	10.12	106	16747	0.943	ug/L	96
55) Styrene	10.13	104	25986	0.863	ug/L	96
56) Isopropylbenzene	10.50	105	46173	0.928	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.80	83	9896	0.956	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	7421	0.965	ug/L	98
61) Bromoform	10.31	173	5906	1.019	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	22146	1.007	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	22738	1.034	ug/L	96
65) 1,2-Dichlorobenzene	12.23	146	21635	1.011	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	1688	1.012	ug/L #	79
67) 1,3,5-Trichlorobenzene	13.24	180	16053	0.959	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	11061	0.941	ug/L	99
69) Naphthalene	14.12	128	12392	0.734	ug/L	96
70) 1,2,3-Trichlorobenzene	14.37	180	10603	0.933	ug/L	95

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

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