

Data File : VU037354.D
Acq On : 20 Mar 2020 18:31
Operator : JC/MD
Sample : VSTD02005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD02005

Quant Time: Mar 21 00:06:31 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	150499	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	150453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	81768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	198827	23.76	ug/L	0.00
7) Chloroethane-d5	1.92	69	162362	22.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	374637	21.33	ug/L	0.00
20) 2-Butanone-d5	4.67	46	477436	202.52	ug/L	-0.02
24) Chloroform-d	5.10	84	391940	21.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	219620	20.31	ug/L	0.00
32) Benzene-d6	5.76	84	714505	21.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	219811	20.61	ug/L	0.00
41) Toluene-d8	7.92	98	719782	22.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	107477	22.45	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	436716	212.82	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	195438	21.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	279402	20.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	325779	19.113 ug/L	100
3) Chloromethane	1.54	50	320865	18.770 ug/L	99
5) Vinyl chloride	1.62	62	295532	19.427 ug/L	99
6) Bromomethane	1.85	94	127804	17.343 ug/L	98
8) Chloroethane	1.94	64	161542	18.385 ug/L	98
9) Trichlorofluoromethane	2.15	101	433395	18.882 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	202959	19.115 ug/L	99
12) 1,1-Dichloroethene	2.60	96	187355	19.464 ug/L	95
13) Acetone	2.66	43	330502	172.249 ug/L	93
14) Carbon disulfide	2.82	76	649487	20.599 ug/L	98
15) Methyl Acetate	2.98	43	85299	19.072 ug/L	96
16) Methylene chloride	3.07	84	203991	17.726 ug/L	94
17) Methyl tert-butyl Ether	3.40	73	514527	18.941 ug/L	99
18) trans-1,2-Dichloroethene	3.38	96	199997	19.150 ug/L	98
19) 1,1-Dichloroethane	3.91	63	379670	18.361 ug/L	98
21) 2-Butanone	4.75	43	572145	185.187 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	219861	19.226 ug/L	99
23) Bromochloromethane	5.01	128	100766	19.483 ug/L	95
25) Chloroform	5.13	83	409968	18.152 ug/L	96
27) 1,2-Dichloroethane	5.83	62	288182	18.268 ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	392958	19.320 ug/L	99
30) Cyclohexane	5.42	56	360333	19.866 ug/L	99
31) Carbon tetrachloride	5.56	117	356018	19.868 ug/L	99
33) Benzene	5.81	78	848274	19.006 ug/L	100
34) Trichloroethene	6.57	95	229888	18.916 ug/L	99
35) Methylcyclohexane	6.79	83	373747	20.444 ug/L	97
37) 1,2-Dichloropropane	6.82	63	216181	18.371 ug/L	99
38) Bromodichloromethane	7.13	83	301772	18.262 ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	346292	19.559 ug/L	96
40) 4-Methyl-2-pentanone	7.82	43	1476225	189.813 ug/L	99

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42) Toluene	8.00	91	957158	19.882	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	316011	20.957	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	159868	18.894	ug/L	97
47) Tetrachloroethene	8.58	164	185007	19.557	ug/L	97
48) 2-Hexanone	8.71	43	1085496	189.271	ug/L	100
49) Dibromochloromethane	8.83	129	214674	19.520	ug/L	97
50) 1,2-Dibromoethane	8.95	107	156417	18.896	ug/L #	98
51) Chlorobenzene	9.47	112	595408	19.150	ug/L	98
52) Ethylbenzene	9.59	91	1109906	20.395	ug/L	100
53) m,p-Xylene	9.71	106	410873	20.471	ug/L	100
54) o-Xylene	10.12	106	398003	20.860	ug/L	98
55) Styrene	10.13	104	691631	21.397	ug/L	100
56) Isopropylbenzene	10.50	105	1113001	20.828	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	208634	18.767	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	152780	18.494	ug/L	100
61) Bromoform	10.31	173	131855	18.448	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	508014	18.733	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	507549	18.730	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	476238	18.059	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	39460	19.195	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	378962	18.361	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	313122	21.600	ug/L	98
69) Naphthalene	14.12	128	499832	24.027	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	283139	20.199	ug/L	97

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

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