

Data File : VU037353.D
Acq On : 20 Mar 2020 18:06
Operator : JC/MD
Sample : VSTD01004
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01004

Quant Time: Mar 21 00:06:07 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	152009	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	151050	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	79572	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98962	11.71	ug/L	0.00
7) Chloroethane-d5	1.93	69	79816	10.90	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	188491	10.63	ug/L	0.00
20) 2-Butanone-d5	4.68	46	243543	102.28	ug/L	0.00
24) Chloroform-d	5.11	84	198575	10.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	113891	10.43	ug/L	0.00
32) Benzene-d6	5.76	84	360458	10.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	112630	10.52	ug/L	0.00
41) Toluene-d8	7.93	98	362859	11.26	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	53532	11.14	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	212381	103.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94762	10.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	138927	10.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	159774	9.280 ug/L	99
3) Chloromethane	1.54	50	158898	9.203 ug/L	99
5) Vinyl chloride	1.62	62	144986	9.436 ug/L	98
6) Bromomethane	1.87	94	57111	7.673 ug/L	98
8) Chloroethane	1.95	64	79317	8.937 ug/L	100
9) Trichlorofluoromethane	2.15	101	218408	9.421 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	100694	9.389 ug/L	98
12) 1,1-Dichloroethene	2.60	96	94814	9.752 ug/L	99
13) Acetone	2.67	43	164200	84.727 ug/L	94
14) Carbon disulfide	2.82	76	322948	10.141 ug/L	98
15) Methyl Acetate	2.99	43	42084	9.316 ug/L	97
16) Methylene chloride	3.08	84	101269	8.712 ug/L	95
17) Methyl tert-butyl Ether	3.41	73	251906	9.181 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	99500	9.432 ug/L	95
19) 1,1-Dichloroethane	3.91	63	192421	9.213 ug/L	98
21) 2-Butanone	4.76	43	284101	91.042 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	111164	9.624 ug/L	97
23) Bromochloromethane	5.02	128	51230	9.807 ug/L	96
25) Chloroform	5.13	83	207469	9.095 ug/L	96
27) 1,2-Dichloroethane	5.83	62	147181	9.237 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	198297	9.711 ug/L	99
30) Cyclohexane	5.42	56	174444	9.580 ug/L	99
31) Carbon tetrachloride	5.56	117	177136	9.846 ug/L	97
33) Benzene	5.81	78	423721	9.456 ug/L	100
34) Trichloroethene	6.57	95	113030	9.264 ug/L	100
35) Methylcyclohexane	6.79	83	178639	9.733 ug/L	97
37) 1,2-Dichloropropane	6.83	63	110811	9.379 ug/L	99
38) Bromodichloromethane	7.14	83	152282	9.179 ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	169816	9.553 ug/L	96
40) 4-Methyl-2-pentanone	7.82	43	716544	91.769 ug/L	99

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42) Toluene	8.00	91	467392	9.670	ug/L	96
44) trans-1,3-Dichloropropene	8.24	75	155099	10.245	ug/L	96
45) 1,1,2-Trichloroethane	8.43	97	79768	9.390	ug/L	97
47) Tetrachloroethene	8.58	164	91332	9.616	ug/L	96
48) 2-Hexanone	8.71	43	513377	89.161	ug/L	99
49) Dibromochloromethane	8.84	129	104795	9.491	ug/L	98
50) 1,2-Dibromoethane	8.95	107	78399	9.433	ug/L #	97
51) Chlorobenzene	9.47	112	295065	9.452	ug/L	97
52) Ethylbenzene	9.59	91	524486	9.599	ug/L	99
53) m,p-Xylene	9.71	106	197923	9.822	ug/L	99
54) o-Xylene	10.12	106	192369	10.042	ug/L	100
55) Styrene	10.13	104	328090	10.110	ug/L	99
56) Isopropylbenzene	10.50	105	527019	9.823	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	99886	8.949	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	74675	9.004	ug/L	99
61) Bromoform	10.31	173	62950	9.051	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	243695	9.234	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	243475	9.233	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	228550	8.906	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	18866	9.430	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	181711	9.047	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	150500	10.669	ug/L	99
69) Naphthalene	14.12	128	232320	11.476	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	141400	10.366	ug/L	97

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

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