

Data File : VU038814.D
Acq On : 11 Jun 2020 09:50
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

Quant Time: Jun 12 00:58:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 11 01:23:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	341854	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	338512	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	176257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	101298	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.93	69	82236	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.59	63	211303	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	4.68	46	369545	54.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.96%
24) Chloroform-d	5.10	84	213094	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.74	65	117936	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.76	84	407253	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.72	67	122878	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.92	98	365536	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.20	79	54673	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.66	63	297059	53.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109884	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	146271	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	125802	4.669 ug/L	99
3) Chloromethane	1.53	50	101562	4.105 ug/L	99
5) Vinyl chloride	1.62	62	114982	4.337 ug/L	98
6) Bromomethane	1.87	94	69253	5.381 ug/L	99
8) Chloroethane	1.95	64	71774	4.518 ug/L	98
9) Trichlorofluoromethane	2.16	101	187973	5.345 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	112918	5.452 ug/L	96
12) 1,1-Dichloroethene	2.60	96	105317	5.002 ug/L	98
13) Acetone	2.68	43	243323	55.318 ug/L	99
14) Carbon disulfide	2.82	76	286124	4.005 ug/L	99
15) Methyl Acetate	2.99	43	57204	5.309 ug/L	100
16) Methylene chloride	3.08	84	121457	5.098 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	292904	5.306 ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	110004	4.848 ug/L	97
19) 1,1-Dichloroethane	3.91	63	212459	5.232 ug/L	98
21) 2-Butanone	4.76	43	399548	54.005 ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	124148	5.082 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	55931	5.087	ug/L	99
25) Chloroform	5.12	83	221500	5.370	ug/L	100
27) 1,2-Dichloroethane	5.83	62	152857	5.264	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	192097	5.363	ug/L	99
30) Cyclohexane	5.42	56	176239	4.692	ug/L	99
31) Carbon tetrachloride	5.56	117	161342	5.410	ug/L	99
33) Benzene	5.81	78	470977	4.989	ug/L	100
34) Trichloroethene	6.57	95	123552	5.043	ug/L	98
35) Methylcyclohexane	6.79	83	183332	4.833	ug/L	98
37) 1,2-Dichloropropane	6.82	63	121449	5.113	ug/L	99
38) Bromodichloromethane	7.13	83	160407	5.438	ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	185142	5.274	ug/L	96
40) 4-Methyl-2-pentanone	7.82	43	872786	51.378	ug/L	99
42) Toluene	8.00	91	511907	5.170	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	163348	5.268	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	95613	5.335	ug/L	96
47) Tetrachloroethene	8.57	164	91061	5.116	ug/L	95
48) 2-Hexanone	8.71	43	669199	52.017	ug/L	99
49) Dibromochloromethane	8.83	129	110478	5.712	ug/L	100
50) 1,2-Dibromoethane	8.95	107	88674	5.168	ug/L	99
51) Chlorobenzene	9.47	112	330760	5.180	ug/L	99
52) Ethylbenzene	9.59	91	574299	5.214	ug/L	100
53) m,p-Xylene	9.71	106	223244	5.270	ug/L	96
54) o-Xylene	10.12	106	214841	5.283	ug/L	99
55) Styrene	10.13	104	375225	5.436	ug/L	99
56) Isopropylbenzene	10.50	105	585421	5.469	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	118872	5.220	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	93196	5.257	ug/L	99
61) Bromoform	10.31	173	59589	5.427	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	273768	5.286	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	278794	5.309	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	262398	5.336	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	21107	5.301	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	210265	5.442	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	187089	5.232	ug/L	99
69) Naphthalene	14.12	128	370257	5.202	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	173413	5.329	ug/L	99

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

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