

Data File : VU038836.D
Acq On : 11 Jun 2020 20:24
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

Quant Time: Jun 12 01:06:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 01:02:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	276755	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	268310	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	140678	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90711	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.93	69	77805	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.59	63	179259	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	4.67	46	363308	66.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.54%#
24) Chloroform-d	5.10	84	206771	6.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.00%
26) 1,2-Dichloroethane-d4	5.74	65	117981	6.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.60%
32) Benzene-d6	5.76	84	389292	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.20%
36) 1,2-Dichloropropane-d6	6.72	67	121075	5.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.60%
41) Toluene-d8	7.92	98	338917	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
43) trans-1,3-Dichloropropene-	8.20	79	52419	5.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	118.40%
46) 2-Hexanone-d5	8.65	63	295771	67.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.22%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108593	6.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.20%#
64) 1,2-Dichlorobenzene-d4	12.20	152	137369	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	92029	4.219 ug/L	99
3) Chloromethane	1.53	50	82270	4.107 ug/L	98
5) Vinyl chloride	1.62	62	93323	4.348 ug/L	99
6) Bromomethane	1.87	94	56186	5.392 ug/L	99
8) Chloroethane	1.95	64	58298	4.533 ug/L	96
9) Trichlorofluoromethane	2.16	101	141475	4.969 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	82550	4.923 ug/L	99
12) 1,1-Dichloroethene	2.61	96	80159	4.703 ug/L	94
13) Acetone	2.67	43	187321	52.604 ug/L	99
14) Carbon disulfide	2.82	76	221461	3.829 ug/L	100
15) Methyl Acetate	2.99	43	44747	5.129 ug/L	94
16) Methylene chloride	3.08	84	99083	5.137 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	240459	5.381 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	87315	4.754 ug/L	98
19) 1,1-Dichloroethane	3.91	63	177724	5.407 ug/L	99
21) 2-Butanone	4.75	43	309936	51.747 ug/L	93
22) cis-1,2-Dichloroethene	4.71	96	100059	5.059 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	46024	5.171	ug/L	98
25) Chloroform	5.12	83	183369	5.491	ug/L	98
27) 1,2-Dichloroethane	5.83	62	127265	5.414	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	156286	5.505	ug/L	99
30) Cyclohexane	5.42	56	120072	4.033	ug/L	98
31) Carbon tetrachloride	5.56	117	123808	5.238	ug/L	96
33) Benzene	5.81	78	378656	5.061	ug/L	100
34) Trichloroethene	6.57	95	96167	4.952	ug/L	97
35) Methylcyclohexane	6.79	83	121398	4.038	ug/L	99
37) 1,2-Dichloropropane	6.82	63	100769	5.352	ug/L	100
38) Bromodichloromethane	7.13	83	131001	5.603	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	143872	5.171	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	697806	51.825	ug/L	100
42) Toluene	7.99	91	402887	5.134	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	132991	5.412	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	78228	5.507	ug/L	95
47) Tetrachloroethene	8.57	164	68941	4.886	ug/L	97
48) 2-Hexanone	8.71	43	543859	53.336	ug/L	99
49) Dibromochloromethane	8.83	129	88447	5.769	ug/L	98
50) 1,2-Dibromoethane	8.94	107	70574	5.189	ug/L	97
51) Chlorobenzene	9.47	112	261334	5.164	ug/L	97
52) Ethylbenzene	9.59	91	429649	4.921	ug/L	99
53) m,p-Xylene	9.71	106	166755	4.966	ug/L	94
54) o-Xylene	10.12	106	163457	5.071	ug/L	96
55) Styrene	10.13	104	293709	5.368	ug/L	97
56) Isopropylbenzene	10.50	105	428467	5.050	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	96683	5.356	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	74343	5.290	ug/L	98
61) Bromoform	10.31	173	48726	5.560	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	212812	5.149	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	216440	5.164	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	208122	5.303	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	17969	5.655	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	158191	5.130	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	145973	5.114	ug/L	99
69) Naphthalene	14.11	128	279005	4.912	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	137096	5.279	ug/L	96

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

