

Data File : VU036246.D
Acq On : 16 Dec 2019 20:09
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Quant Time: Dec 17 01:26:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	268496	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	283801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	139275	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86248	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.93	69	87470	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.60	63	141353	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	4.68	46	183905	41.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.04%
24) Chloroform-d	5.11	84	160114	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.75	65	87317	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.77	84	307719	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.73	67	98340	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.93	98	301585	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.21	79	40825	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.67	63	166103	46.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.94%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	94875	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	112143	4.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	144380	4.818	ug/L 97
3) Chloromethane	1.54	50	146390	3.893	ug/L 98
5) Vinyl chloride	1.62	62	156855	4.397	ug/L 99
6) Bromomethane	1.87	94	72361	4.059	ug/L 97
8) Chloroethane	1.95	64	96824	4.545	ug/L 99
9) Trichlorofluoromethane	2.16	101	213798	4.755	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	101635	4.718	ug/L 99
12) 1,1-Dichloroethene	2.61	96	90093	4.523	ug/L 96
13) Acetone	2.66	43	147690	38.258	ug/L 95
14) Carbon disulfide	2.82	76	305172	4.566	ug/L 100
15) Methyl Acetate	2.99	43	37038	4.749	ug/L 98
16) Methylene chloride	3.08	84	127279	4.347	ug/L 98
17) Methyl tert-butyl Ether	3.41	73	192223	4.503	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	95723	4.588	ug/L 98
19) 1,1-Dichloroethane	3.92	63	183574	4.766	ug/L 99
21) 2-Butanone	4.76	43	226236	43.857	ug/L 98
22) cis-1,2-Dichloroethene	4.72	96	101139	4.520	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	51742	4.779	ug/L	98
25) Chloroform	5.14	83	208045	4.994	ug/L	96
27) 1,2-Dichloroethane	5.84	62	117849	4.769	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	163639	4.684	ug/L	98
30) Cyclohexane	5.43	56	132679	4.463	ug/L	98
31) Carbon tetrachloride	5.57	117	150016	4.709	ug/L	99
33) Benzene	5.82	78	414918	4.757	ug/L	100
34) Trichloroethene	6.58	95	104687	4.656	ug/L	97
35) Methylcyclohexane	6.80	83	140301	4.388	ug/L	97
37) 1,2-Dichloropropane	6.83	63	106177	4.772	ug/L	98
38) Bromodichloromethane	7.14	83	135533	4.680	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	135480	4.469	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	547408	47.032	ug/L	99
42) Toluene	8.00	91	464364	4.967	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	119379	4.688	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	80753	4.843	ug/L	93
47) Tetrachloroethene	8.58	164	95374	4.696	ug/L	97
48) 2-Hexanone	8.72	43	417698	48.088	ug/L	99
49) Dibromochloromethane	8.84	129	101531	4.927	ug/L	95
50) 1,2-Dibromoethane	8.96	107	73198	4.603	ug/L	99
51) Chlorobenzene	9.47	112	284768	4.613	ug/L	99
52) Ethylbenzene	9.60	91	437983	4.664	ug/L	99
53) m,p-Xylene	9.72	106	173644	4.800	ug/L	99
54) o-Xylene	10.13	106	165749	4.750	ug/L	96
55) Styrene	10.14	104	290352	4.702	ug/L	96
56) Isopropylbenzene	10.51	105	424600	4.738	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	101085	4.762	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	71412	4.829	ug/L	99
61) Bromoform	10.32	173	58117	4.807	ug/L	95
62) 1,3-Dichlorobenzene	11.77	146	218749	4.655	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	212868	4.568	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	204956	4.578	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	13167	4.428	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	122722	3.486	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	74446	3.219	ug/L	97
69) Naphthalene	14.11	128	82786	2.813	ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	74179	3.316	ug/L	96

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

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