Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035758.D
Acq On : 18 Nov 2019 21:16
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00524

Quant Time: Nov 19 00:38:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	278060	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	301665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	177933	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	99875	3.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.80%			
7) Chloroethane-d5	1.93	69	94967	4.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.20%			
11) 1,1-Dichloroethene-d2	2.59	63	193080	4.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.20%			
20) 2-Butanone-d5	4.70	46	301692	47.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.48%			
24) Chloroform-d	5.11	84	213517	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.75	65	104359	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
32) Benzene-d6	5.77	84	409404	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.20%			
36) 1,2-Dichloropropane-d6	6.73	67	133134	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.80%			
41) Toluene-d8	7.93	98	373716	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	8.21	79	52422	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.68	63	249350	51.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.78%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	119684	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	154206	4.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	123757	4.136	ug/L	99
3) Chloromethane	1.53	50	139910	4.054	ug/L	99
5) Vinyl chloride	1.62	62	155724	4.405	ug/L #	78
6) Bromomethane	1.87	94	56532	2.805	ug/L	99
8) Chloroethane	1.95	64	93076	4.589	ug/L	97
9) Trichlorofluoromethane	2.16	101	197424	4.577	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	114300	4.486	ug/L	99
12) 1,1-Dichloroethene	2.61	96	116735	4.774	ug/L	84
13) Acetone	2.67	43	186662	40.970	ug/L	99
14) Carbon disulfide	2.82	76	353118	4.454	ug/L	99
15) Methyl Acetate	3.00	43	47617	4.499	ug/L	97
16) Methylene chloride	3.08	84	130069	4.487	ug/L	96
17) Methyl tert-butyl Ether	3.42	73	273954	4.780	ug/L #	89
18) trans-1,2-Dichloroethene	3.39	96	120663	4.792	ug/L	99
19) 1,1-Dichloroethane	3.92	63	219802	4.702	ug/L	99
21) 2-Butanone	4.78	43	298896	44.182	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	131917	4.745	ug/L	99

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	60973	4.630	ug/L	96
25) Chloroform	5.14	83	246471	4.848	ug/L	99
27) 1,2-Dichloroethane	5.84	62	131249	4.639	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	185309	4.666	ug/L	99
30) Cyclohexane	5.43	56	176931	4.456	ug/L	99
31) Carbon tetrachloride	5.57	117	168564	4.710	ug/L	100
33) Benzene	5.82	78	498954	4.700	ug/L	100
34) Trichloroethene	6.58	95	125749	4.628	ug/L	100
35) Methylcyclohexane	6.80	83	175557	4.241	ug/L	99
37) 1,2-Dichloropropane	6.83	63	127687	4.565	ug/L	99
38) Bromodichloromethane	7.14	83	160502	4.742	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	175070	4.385	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	727012	45.199	ug/L	99
42) Toluene	8.00	91	539991	4.834	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	142725	4.471	ug/L	96
45) 1,1,2-Trichloroethane	8.44	97	94459	4.715	ug/L	96
47) Tetrachloroethene	8.58	164	109590	4.629	ug/L	98
48) 2-Hexanone	8.73	43	527767	46.168	ug/L	95
49) Dibromochloromethane	8.84	129	115971	4.693	ug/L	99
50) 1,2-Dibromoethane	8.96	107	89009	4.683	ug/L	99
51) Chlorobenzene	9.48	112	342882	4.675	ug/L	99
52) Ethylbenzene	9.60	91	554181	4.714	ug/L	98
53) m,p-Xylene	9.72	106	222220	4.993	ug/L	100
54) o-Xylene	10.13	106	211243	4.911	ug/L	96
55) Styrene	10.14	104	347559	4.887	ug/L	99
56) Isopropylbenzene	10.51	105	538880	4.747	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	120343	4.598	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	84709	4.579	ug/L	98
61) Bromoform	10.32	173	71188	4.402	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	276437	4.621	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	268384	4.659	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	262508	4.676	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	17057	4.774	ug/L	87
67) 1,3,5-Trichlorobenzene	13.24	180	196955	5.108	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	128293	5.521	ug/L	99
69) Naphthalene	14.11	128	246925	8.631	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	127856	5.691	ug/L	97

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

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