Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\
Data File : VU035860.D
Acq On : 26 Nov 2019 16:04
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Nov 27 01:23:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	241742	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	151524	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	166845	5.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.60%			
7) Chloroethane-d5	1.93	69	146895	5.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.40%			
11) 1,1-Dichloroethene-d2	2.59	63	260918	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.80%			
20) 2-Butanone-d5	4.70	46	377404	51.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.28%			
24) Chloroform-d	5.11	84	270556	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.75	65	142982	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
32) Benzene-d6	5.77	84	517653	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
36) 1,2-Dichloropropane-d6	6.73	67	171085	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.80%			
41) Toluene-d8	7.93	98	475665	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.40%			
43) trans-1,3-Dichloropropene-	8.21	79	65084	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
46) 2-Hexanone-d5	8.68	63	315330	58.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.60%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	141985	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	154736	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	150211	4.586	ug/L	97
3) Chloromethane	1.54	50	187160	4.641	ug/L	99
5) Vinyl chloride	1.62	62	191954	4.755	ug/L	98
6) Bromomethane	1.87	94	105300	5.075	ug/L	97
8) Chloroethane	1.95	64	119835	5.131	ug/L	98
9) Trichlorofluoromethane	2.16	101	223716	4.773	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	125928	4.729	ug/L	95
12) 1,1-Dichloroethene	2.61	96	111992	4.452	ug/L	94
13) Acetone	2.68	43	262825	40.948	ug/L	98
14) Carbon disulfide	2.82	76	351812	4.211	ug/L	98
15) Methyl Acetate	3.00	43	61931	4.813	ug/L	100
16) Methylene chloride	3.08	84	139539	4.592	ug/L	99
17) Methyl tert-butyl Ether	3.42	73	282404	4.640	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	117945	4.762	ug/L	98
19) 1,1-Dichloroethane	3.92	63	268936	4.833	ug/L	99
21) 2-Butanone	4.78	43	409023	50.359	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	132259	4.792	ug/L	100

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Nov 27 01:23:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 01:18:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	60608	5.041	ug/L	95
25) Chloroform	5.14	83	262696	4.851	ug/L	99
27) 1,2-Dichloroethane	5.84	62	175361	4.924	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	210927	4.897	ug/L	99
30) Cyclohexane	5.43	56	197177	4.684	ug/L	98
31) Carbon tetrachloride	5.57	117	181148	4.857	ug/L	98
33) Benzene	5.82	78	562128	5.048	ug/L	100
34) Trichloroethene	6.58	95	137567	5.039	ug/L	98
35) Methylcyclohexane	6.80	83	183493	4.580	ug/L	99
37) 1,2-Dichloropropane	6.83	63	153775	4.870	ug/L	99
38) Bromodichloromethane	7.15	83	187553	4.955	ug/L	98
39) cis-1,3-Dichloropropene	7.65	75	198951	4.867	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	972459	50.159	ug/L	99
42) Toluene	8.01	91	592117	5.112	ug/L	97
44) trans-1,3-Dichloropropene	8.25	75	171682	5.065	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	104995	5.103	ug/L	99
47) Tetrachloroethene	8.58	164	98730	4.753	ug/L	99
48) 2-Hexanone	8.73	43	742655	52.030	ug/L	98
49) Dibromochloromethane	8.84	129	117561	4.843	ug/L	99
50) 1,2-Dibromoethane	8.96	107	95903	5.093	ug/L	97
51) Chlorobenzene	9.48	112	341789	4.764	ug/L	99
52) Ethylbenzene	9.60	91	568456	4.746	ug/L	99
53) m,p-Xylene	9.72	106	207830	4.922	ug/L	100
54) o-Xylene	10.13	106	204300	4.982	ug/L	99
55) Styrene	10.14	104	352581	5.184	ug/L	98
56) Isopropylbenzene	10.51	105	533882	4.928	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	142412	5.001	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	101571	4.947	ug/L	99
61) Bromoform	10.32	173	68190	4.479	ug/L	95
62) 1,3-Dichlorobenzene	11.77	146	253026	4.653	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	248366	4.639	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	243115	4.686	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	19896	4.634	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	171782	5.256	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	90618	4.825	ug/L	97
69) Naphthalene	14.11	128	87039	3.291	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	88479	4.844	ug/L	99

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

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