Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091919\
Data File : VV012914.D
Acq On : 19 Sep 2019 01:24
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD005002

Manual Integrations APPROVED
MMDadoda
9/19/2019 11:20:08 AM

Quant Time: Sep 19 04:57:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	376353	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	367090	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	181925	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	143915	6.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 135.20%#			
7) Chloroethane-d5	1.58	69	132661	8.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 177.60%#			
11) 1,1-Dichloroethene-d2	2.13	63	227590	5.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 118.00%			
20) 2-Butanone-d5	4.01	46	298573m	61.72	ug/L	0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.44%			
24) Chloroform-d	4.40	84	279945	6.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 121.60%			
26) 1,2-Dichloroethane-d4	5.08	65	140497	5.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.80%			
32) Benzene-d6	5.10	84	554625	6.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 120.00%			
36) 1,2-Dichloropropane-d6	6.12	67	170580	6.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 132.00%			
41) Toluene-d8	7.36	98	495720	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.40%			
43) trans-1,3-Dichloropropene-	7.66	79	58312	5.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.20%			
46) 2-Hexanone-d5	8.14	63	257170	64.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.62%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	129427	6.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 133.40%#			
66) 1,2-Dichlorobenzene-d4	11.67	152	174998	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	131134	3.057	ug/L	100
3) Chloromethane	1.25	50	130679	5.322	ug/L	98
5) Vinyl chloride	1.32	62	146584	5.836	ug/L	98
6) Bromomethane	1.54	94	75933	5.058	ug/L	96
8) Chloroethane	1.60	64	82629	6.053	ug/L	99
9) Trichlorofluoromethane	1.77	101	179967	4.188	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	101940	5.461	ug/L	93
12) 1,1-Dichloroethene	2.14	96	97675	5.649	ug/L	93
13) Acetone	2.33	43	126291m	47.438	ug/L	
14) Carbon disulfide	2.32	76	209198	4.333	ug/L	100
15) Methyl Acetate	2.49	43	37700	6.891	ug/L	90
16) Methylene chloride	2.53	84	121776	6.868	ug/L	91
17) Methyl tert-butyl Ether	2.81	73	253449	4.662	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	105766	4.246	ug/L	99
19) 1,1-Dichloroethane	3.23	63	227515	5.107	ug/L	99
21) 2-Butanone	4.09	43	268572	51.129	ug/L #	61
22) cis-1,2-Dichloroethene	3.96	96	122622	4.623	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	53463	4.595 ug/L #	91
25) Chloroform	4.42	83	245670	4.398 ug/L	99
27) 1,2-Dichloroethane	5.18	62	138665	4.498 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	190699	4.202 ug/L	97
30) Cyclohexane	4.72	56	155982	4.019 ug/L	91
31) Carbon tetrachloride	4.87	117	159056	3.895 ug/L	99
33) Benzene	5.14	78	485329	4.867 ug/L	100
34) Trichloroethene	5.96	95	123924	4.358 ug/L	97
35) Methylcyclohexane	6.17	83	154903	3.477 ug/L	94
37) 1,2-Dichloropropane	6.22	63	130109	5.640 ug/L	100
38) Bromodichloromethane	6.55	83	165256	5.073 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	155059	4.286 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	808224	62.108 ug/L #	97
42) Toluene	7.43	91	519710	4.688 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	131276	4.489 ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	93476	5.313 ug/L	97
47) Tetrachloroethene	8.02	164	97451	3.921 ug/L	97
48) 2-Hexanone	8.19	43	596788	64.890 ug/L	96
49) Dibromochloromethane	8.29	129	109058	5.056 ug/L	95
50) 1,2-Dibromoethane	8.40	107	78981	4.803 ug/L	100
51) Chlorobenzene	8.92	112	337750	4.556 ug/L	99
52) Ethylbenzene	9.05	91	545569	4.312 ug/L	99
53) m,p-xylene	9.18	106	204272	4.242 ug/L	99
54) o-xylene	9.59	106	200158	4.391 ug/L	97
55) Styrene	9.60	104	360648	4.696 ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.28	83	110197	5.836 ug/L	99
59) Bromoform	9.77	173	58800	5.347 ug/L	99
60) Isopropylbenzene	9.97	105	543338	4.675 ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	79462	5.993 ug/L	95
62) 1,3,5-Trimethylbenzene	10.58	105	415441	4.329 ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	432319	4.534 ug/L	97
64) 1,3-Dichlorobenzene	11.22	146	272547	4.706 ug/L	100
65) 1,4-Dichlorobenzene	11.32	146	269361	4.564 ug/L	100
67) 1,2-Dichlorobenzene	11.69	146	256896	4.881 ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.48	75	15378	5.625 ug/L	93
69) 1,3,5-Trichlorobenzene	12.69	180	195992	4.093 ug/L	100
70) 1,2,4-trichlorobenzene	13.31	180	150529	3.973 ug/L	97
71) Naphthalene	13.55	128	205597	3.910 ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	150615	4.485 ug/L	97

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

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