Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043119.D
Acq On : 10 Oct 2019 1:25
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02033

Manual Integrations APPROVED
mohammad
10/12/2019 7:31:45 AM

Quant Time: Oct 10 16:50:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42861	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	182212	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	136940	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	343985	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	372788	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	431323	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	6677	7.53	ng/uL	0.00
5) Phenol-d5	7.22	99	65511	20.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	37325	21.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	51322	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	52223	19.12	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	26547	20.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	31198	21.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	59552	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	63378m	19.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	222860	20.24	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	244528	20.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	28721m	19.67	ng/ul	0.00
57) Fluorene-d10	15.67	176	189784	20.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	41199	18.67	ng/ul	0.00
70) Anthracene-d10	17.52	188	329472	20.28	ng/ul	0.00
78) Pyrene-d10	19.80	212	386437	21.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	425459	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	7300	7.787	ng/uL	91
4) Benzaldehyde	7.20	77	43764	20.315	ng/ul	94
6) Phenol	7.25	94	66675	20.609	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.47	93	48950	20.510	ng/ul	100
10) 2-Chlorophenol	7.62	128	56902	21.293	ng/ul	98
11) 2-Methylphenol	8.50	108	52396	20.114	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.58	45	76217	20.926	ng/ul	95
14) Acetophenone	8.88	105	88007	20.280	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.85	70	46010	20.313	ng/ul	97
16) 4-Methylphenol	8.83	108	55491	19.571	ng/ul	96
17) Hexachloroethane	9.14	117	23851	20.161	ng/ul	94
20) Nitrobenzene	9.26	77	70624	21.568	ng/ul	99
21) Isophorone	9.77	82	132593	19.838	ng/ul	94
23) 2-Nitrophenol	9.97	139	31936	20.288	ng/ul	96
24) 2,4-Dimethylphenol	10.03	107	68668	19.861	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.26	93	71775	20.562	ng/ul	95
27) 2,4-Dichlorophenol	10.51	162	56607	19.390	ng/ul	96
28) Naphthalene	10.91	128	188330	20.233	ng/ul	97
30) 4-Chloroaniline	11.02	127	66954	20.391	ng/ul	90
31) Hexachlorobutadiene	11.20	225	51936	19.893	ng/ul	97
32) Caprolactam	11.77	113	20375m	19.816	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	61412	19.827	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	140694	19.741	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	97311	20.436	ng/ul	94
37) Hexachlorocyclopentadiene	12.86	237	54947	17.742	ng/ul	89
38) 2,4,6-Trichlorophenol	13.11	196	57138m	20.981	ng/ul	
39) 2,4,5-Trichlorophenol	13.19	196	66329m	20.161	ng/ul	
40) 1,1'-Biphenyl	13.51	154	201290	20.316	ng/ul	98
41) 2-Chloronaphthalene	13.55	162	155971	20.603	ng/ul	98
42) 2-Nitroaniline	13.76	65	43693	20.703	ng/ul	88
44) Dimethylphthalate	14.12	163	215123	20.231	ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	46588	21.254	ng/ul	99
47) Acenaphthylene	14.40	152	253249	21.042	ng/ul	98
48) 3-Nitroaniline	14.59	138	38450	21.173	ng/ul#	95
49) Acenaphthene	14.74	153	175369	20.387	ng/ul	97
50) 2,4-Dinitrophenol	14.79	184	19916	16.998	ng/ul	92
52) 4-Nitrophenol	14.90	109	32580	21.565	ng/ul	86
53) Dibenzofuran	15.07	168	257169	20.833	ng/ul	99
54) 2,4-Dinitrotoluene	15.03	165	65791	20.336	ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	15.30	232	65751	21.522	ng/ul#	98
56) Diethylphthalate	15.49	149	218841	19.886	ng/ul	98
58) Fluorene	15.72	166	216440	20.668	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.71	204	121873	20.260	ng/ul	98
60) 4-Nitroaniline	15.74	138	48223m	21.582	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.80	198	42226	18.839	ng/ul	100
64) N-Nitrosodiphenylamine	15.93	169	190466	19.861	ng/ul	95
65) 4-Bromophenyl-phenylether	16.61	248	90212	20.152	ng/ul	99
66) Hexachlorobenzene	16.73	284	98546	19.632	ng/ul	93
67) Atrazine	16.87	200	82427	19.602	ng/ul	90
68) Pentachlorophenol	17.08	266	42820	17.877	ng/ul	96
69) Phenanthrene	17.46	178	360661	20.312	ng/ul	98
71) Anthracene	17.55	178	359352	19.559	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	97827	19.653	ng/uL	94
73) Pentachlorobenzene	15.00	250	111590	20.483	ng/uL	96
74) Carbazole	17.82	167	323897	20.625	ng/ul	98
75) Di-n-butylphthalate	18.38	149	385028	19.966	ng/ul	99
76) Fluoranthene	19.47	202	482693	21.308	ng/ul	99
79) Pyrene	19.83	202	483449	21.087	ng/ul	99
80) Butylbenzylphthalate	20.71	149	176396	20.436	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.59	252	181781	20.046	ng/ul	97
82) Benzo(a)anthracene	21.67	228	496641	19.910	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	249981	20.190	ng/ul	99
84) Chrysene	21.74	228	473631	20.177	ng/ul	98
86) Di-n-octyl phthalate	22.78	149	428665	20.986	ng/ul	100
87) Benzo(b)fluoranthene	23.88	252	501150	19.523	ng/ul	96
88) Benzo(k)fluoranthene	23.95	252	516418	20.586	ng/ul	99
90) Benzo(a)pyrene	24.76	252	497686	20.257	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	28.56	276	600567	20.167	ng/ul	98
92) Dibenzo(a,h)anthracene	28.62	278	500483	19.808	ng/ul	99
93) Benzo(g,h,i)perylene	29.71	276	497527	19.708	ng/ul	96

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

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