Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
Data File : BG041413.D
Acq On : 22 Jun 2019 21:24
Operator : HP/JU
Sample : K3158-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-062019MS

Quant Time: Jun 24 03:44:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	23558	20.00	ng		-0.04
21) Naphthalene-d8	10.87	136	88016	20.00	ng		-0.04
39) Acenaphthene-d10	14.69	164	66743	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	196004	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	231610	20.00	ng		-0.04
87) Perylene-d12	24.99	264	243520	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	164698	128.46	ng		-0.03
7) Phenol-d6	7.21	99	220789	118.80	ng		-0.03
23) Nitrobenzene-d5	9.23	82	180222	86.11	ng		-0.03
42) 2,4,6-Tribromophenol	16.18	330	148963	145.38	ng		-0.03
45) 2-Fluorobiphenyl	13.31	172	420838	85.70	ng		-0.03
79) Terphenyl-d14	20.03	244	1021995	87.45	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	19583	30.460	ng	#	33
3) Pyridine	3.86	79	39159	22.960	ng		88
4) n-Nitrosodimethylamine	3.77	42	31931	35.107	ng		91
6) Aniline	7.37	93	35985	13.930	ng		94
8) 2-Chlorophenol	7.61	128	61500	40.823	ng		96
9) Benzaldehyde	7.19	77	49312	41.485	ng		93
10) Phenol	7.23	94	73944	37.000	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	59346	39.137	ng		97
12) 1,3-Dichlorobenzene	7.93	146	70521	37.386	ng		92
13) 1,4-Dichlorobenzene	8.09	146	72866	37.817	ng		94
14) 1,2-Dichlorobenzene	8.40	146	68425	37.179	ng		95
15) Benzyl Alcohol	8.30	79	63395	35.603	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	86850	34.987	ng		96
17) 2-Methylphenol	8.50	107	55911	39.132	ng		91
18) Hexachloroethane	9.13	117	28555	37.398	ng		100
19) n-Nitroso-di-n-propylamine	8.85	70	56479	37.575	ng		94
20) 3+4-Methylphenols	8.83	107	77267	40.623	ng		96
22) Acetophenone	8.88	105	106770	41.686	ng	#	96
24) Nitrobenzene	9.27	77	88222	41.914	ng		97
25) Isophorone	9.78	82	160022	41.677	ng		100
26) 2-Nitrophenol	9.98	139	37333	43.750	ng		92
27) 2,4-Dimethylphenol	10.03	122	60069	46.962	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	81533	40.755	ng		97
29) 2,4-Dichlorophenol	10.52	162	71077	44.816	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	80690	39.725	ng		99
31) Naphthalene	10.92	128	200155	41.842	ng		99
32) Benzoic acid	10.20	122	2413	2.898	ng		90
33) 4-Chloroaniline	11.06	127	6886	3.390	ng	#	84
34) Hexachlorobutadiene	11.18	225	61620	38.218	ng		95
35) Caprolactam	11.83	113	20916m	38.308	ng		
36) 4-Chloro-3-methylphenol	12.15	107	82636	45.109	ng		94
37) 2-Methylnaphthalene	12.52	142	148566	42.168	ng		98
38) 1-Methylnaphthalene	12.74	142	140979	41.823	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	109626	39.777	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	144008	77.573 ng		96
43) 2,4,6-Trichlorophenol	13.13	196	70671	41.452 ng		99
44) 2,4,5-Trichlorophenol	13.20	196	78096	44.518 ng		97
46) 1,1'-Biphenyl	13.52	154	202535	40.140 ng		98
47) 2-Chloronaphthalene	13.57	162	170518	39.253 ng		97
48) 2-Nitroaniline	13.78	65	64505	40.544 ng		91
49) Acenaphthylene	14.41	152	273914	41.553 ng		99
50) Dimethylphthalate	14.14	163	246400	41.492 ng		99
51) 2,6-Dinitrotoluene	14.27	165	54422	43.462 ng		98
52) Acenaphthene	14.75	154	159094	41.100 ng		98
53) 3-Nitroaniline	14.61	138	19257	15.609 ng		99
54) 2,4-Dinitrophenol	14.82	184	38734	45.261 ng		98
55) Dibenzofuran	15.08	168	285918	42.483 ng		99
56) 4-Nitrophenol	14.92	139	80204	85.354 ng		95
57) 2,4-Dinitrotoluene	15.06	165	83952	45.865 ng		99
58) Fluorene	15.73	166	228359	43.133 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	84654	46.665 ng		99
60) Diethylphthalate	15.49	149	264077	43.750 ng		100
61) 4-Chlorophenyl-phenylether	15.72	204	144378	41.914 ng		99
62) 4-Nitroaniline	15.78	138	52357	39.681 ng		95
63) Azobenzene	16.01	77	228415	42.418 ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	41418	32.556 ng		97
66) n-Nitrosodiphenylamine	15.93	169	217579	41.807 ng		100
67) 4-Bromophenyl-phenylether	16.61	248	97009	38.277 ng		98
68) Hexachlorobenzene	16.73	284	104277	38.423 ng		95
69) Atrazine	16.88	200	105684	Below Cal		99
70) Pentachlorophenol	17.08	266	116480	83.818 ng		97
71) Phenanthrene	17.47	178	439786	42.070 ng		99
72) Anthracene	17.57	178	453612	44.015 ng		99
73) Carbazole	17.84	167	411293	45.621 ng		99
74) Di-n-butylphthalate	18.37	149	501153	44.551 ng		99
75) Fluoranthene	19.48	202	639956	46.081 ng		99
77) Benzidine	19.68	184	25549	4.561 ng		98
78) Pyrene	19.85	202	655941	41.994 ng		100
80) Butylbenzylphthalate	20.71	149	246102	41.654 ng		96
81) Benzo(a)anthracene	21.68	228	647551	41.293 ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	84822	15.408 ng		97
83) Chrysene	21.75	228	631139	41.850 ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	346706	43.060 ng		98
85) Di-n-octyl phthalate	22.77	149	594034	43.608 ng		98
86) Indeno(1,2,3-cd)pyrene	28.77	276	756361	42.272 ng	#	98
88) Benzo(b)fluoranthene	23.94	252	649139	43.013 ng		100
89) Benzo(k)fluoranthene	24.01	252	640444	42.838 ng		98
90) Benzo(a)pyrene	24.84	252	628642	44.106 ng		100
91) Dibenzo(a,h)anthracene	28.83	278	628449	43.797 ng		97
92) Benzo(g,h,i)perylene	29.96	276	633459	44.671 ng		98

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

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