Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
Data File : BG041414.D
Acq On : 22 Jun 2019 22:02
Operator : HP/JU
Sample : K3158-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-062019MSD

Quant Time: Jun 24 03:46:27 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	8.05	152	24043	20.00	ng		-0.03
21) Naphthalene-d8	10.87	136	88749	20.00	ng		-0.04
39) Acenaphthene-d10	14.69	164	67808	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	200532	20.00	ng		-0.03
76) Chrysene-d12	21.71	240	236747	20.00	ng		-0.03
87) Perylene-d12	24.99	264	248388	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	166455	127.21	ng		-0.03
7) Phenol-d6	7.21	99	224180	118.19	ng		-0.03
23) Nitrobenzene-d5	9.23	82	183298	86.86	ng		-0.03
42) 2,4,6-Tribromophenol	16.18	330	155208	149.09	ng		-0.03
45) 2-Fluorobiphenyl	13.31	172	428540	85.90	ng		-0.03
79) Terphenyl-d14	20.03	244	1056388	88.43	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	20193	30.775	ng	#	33
3) Pyridine	3.86	79	37696	21.656	ng		99
4) n-Nitrosodimethylamine	3.77	42	32188	34.675	ng	#	94
6) Aniline	7.38	93	39701	15.059	ng		97
8) 2-Chlorophenol	7.61	128	62255	40.490	ng		94
9) Benzaldehyde	7.19	77	49630	40.910	ng		99
10) Phenol	7.24	94	71962	35.282	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	59531	38.467	ng		99
12) 1,3-Dichlorobenzene	7.93	146	70846	36.801	ng		95
13) 1,4-Dichlorobenzene	8.08	146	72278	36.755	ng		95
14) 1,2-Dichlorobenzene	8.40	146	69514	37.009	ng		96
15) Benzyl Alcohol	8.29	79	63837	35.128	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	83983	33.150	ng		98
17) 2-Methylphenol	8.49	107	57165	39.203	ng		92
18) Hexachloroethane	9.13	117	28316	36.336	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	55374	36.097	ng		95
20) 3+4-Methylphenols	8.82	107	76062	39.183	ng		93
22) Acetophenone	8.88	105	108354	41.955	ng	#	96
24) Nitrobenzene	9.27	77	87388	41.175	ng		100
25) Isophorone	9.79	82	159113	41.098	ng		99
26) 2-Nitrophenol	9.99	139	37524	43.611	ng		94
27) 2,4-Dimethylphenol	10.03	122	61938	48.023	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	82014	40.657	ng		97
29) 2,4-Dichlorophenol	10.52	162	74360	46.498	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	81477	39.781	ng		96
31) Naphthalene	10.92	128	200048	41.475	ng		99
32) Benzoic acid	10.23	122	4107	4.892	ng	#	71
33) 4-Chloroaniline	11.06	127	8920	4.354	ng	#	89
34) Hexachlorobutadiene	11.18	225	59792	36.778	ng		94
35) Caprolactam	11.83	113	20815m	37.808	ng		
36) 4-Chloro-3-methylphenol	12.15	107	82383	44.599	ng		97
37) 2-Methylnaphthalene	12.52	142	149100	41.970	ng		99
38) 1-Methylnaphthalene	12.74	142	141286	41.568	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	109207	39.003	ng		97

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Instrument : BNA_G
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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)
41) Hexachlorocyclopentadiene	12.85	237	147333	78.117 ng		98
43) 2,4,6-Trichlorophenol	13.13	196	72025	41.582 ng		98
44) 2,4,5-Trichlorophenol	13.21	196	75411	42.313 ng		95
46) 1,1'-Biphenyl	13.52	154	208664	40.705 ng		98
47) 2-Chloronaphthalene	13.57	162	170918	38.727 ng		99
48) 2-Nitroaniline	13.79	65	63906	39.537 ng		93
49) Acenaphthylene	14.42	152	280253	41.847 ng		99
50) Dimethylphthalate	14.14	163	249958	41.430 ng		99
51) 2,6-Dinitrotoluene	14.27	165	55384	43.536 ng		92
52) Acenaphthene	14.75	154	159454	40.546 ng		99
53) 3-Nitroaniline	14.61	138	20070	16.013 ng		99
54) 2,4-Dinitrophenol	14.82	184	34003	39.767 ng		96
55) Dibenzofuran	15.09	168	291027	42.563 ng		97
56) 4-Nitrophenol	14.92	139	82134	86.009 ng		95
57) 2,4-Dinitrotoluene	15.06	165	83695	45.007 ng		94
58) Fluorene	15.73	166	230739	42.898 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	84244	45.710 ng		96
60) Diethylphthalate	15.49	149	267376	43.601 ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	143530	41.013 ng		98
62) 4-Nitroaniline	15.77	138	53077	39.594 ng		96
63) Azobenzene	16.01	77	228737	41.810 ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	38091	29.265 ng		98
66) n-Nitrosodiphenylamine	15.94	169	216161	40.597 ng		99
67) 4-Bromophenyl-phenylether	16.61	248	100571	38.786 ng		94
68) Hexachlorobenzene	16.73	284	105113	37.857 ng		94
69) Atrazine	16.88	200	104387	Below Cal		98
70) Pentachlorophenol	17.08	266	114726	80.692 ng		98
71) Phenanthrene	17.48	178	449489	42.027 ng		99
72) Anthracene	17.57	178	455263	43.178 ng		100
73) Carbazole	17.84	167	420888	45.632 ng		99
74) Di-n-butylphthalate	18.37	149	509458	44.267 ng		100
75) Fluoranthene	19.48	202	652601	45.930 ng		98
77) Benzidine	19.67	184	41697	7.282 ng	#	94
78) Pyrene	19.85	202	664824	41.639 ng		99
80) Butylbenzylphthalate	20.71	149	251602	41.661 ng		98
81) Benzo(a)anthracene	21.68	228	661949	41.295 ng		100
82) 3,3'-Dichlorobenzidine	21.60	252	96380	17.128 ng		99
83) Chrysene	21.75	228	649680	42.144 ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	354397	43.060 ng		98
85) Di-n-octyl phthalate	22.77	149	604864	43.439 ng		98
86) Indeno(1,2,3-cd)pyrene	28.78	276	768498	42.018 ng	#	98
88) Benzo(b)fluoranthene	23.94	252	664221	43.149 ng		99
89) Benzo(k)fluoranthene	24.01	252	647551	42.464 ng		99
90) Benzo(a)pyrene	24.84	252	643062	44.234 ng		98
91) Dibenzo(a,h)anthracene	28.83	278	639413	43.688 ng		97
92) Benzo(g,h,i)perylene	29.96	276	642010	44.387 ng		97

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

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