Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
Data File : BG041181.D
Acq On : 11 Jun 2019 9:43
Operator : HP/JU
Sample : PB120413BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Manual Integrations APPROVED
mohammad
6/14/2019 8:38:16 AM

Quant Time: Jun 12 02:11:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42747	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	175193	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	127655	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	318359	20.00	ng		0.00
76) Chrysene-d12	21.76	240	310292	20.00	ng		0.00
87) Perylene-d12	25.09	264	313701	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	367521	155.03	ng		0.00
7) Phenol-d6	7.26	99	546777	149.35	ng		0.01
23) Nitrobenzene-d5	9.29	82	372713	94.44	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	287750	151.84	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	865556	97.65	ng		0.00
79) Terphenyl-d14	20.08	244	1444841	98.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	35530	33.029	ng	#	94
3) Pyridine	3.91	79	103236	32.433	ng		98
4) n-Nitrosodimethylamine	3.83	42	62617	42.386	ng		86
6) Aniline	7.43	93	83824	17.153	ng		99
8) 2-Chlorophenol	7.67	128	130841	46.296	ng		98
9) Benzaldehyde	7.24	77	44407	20.333	ng		92
10) Phenol	7.29	94	178364	45.437	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	116945	41.066	ng		93
12) 1,3-Dichlorobenzene	7.99	146	137852	40.839	ng		94
13) 1,4-Dichlorobenzene	8.14	146	140456	41.108	ng		96
14) 1,2-Dichlorobenzene	8.46	146	137480	41.441	ng		98
15) Benzyl Alcohol	8.35	79	148930	43.975	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	180166	38.717	ng		97
17) 2-Methylphenol	8.54	107	125296	44.084	ng		99
18) Hexachloroethane	9.19	117	52854	40.136	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	111753	39.664	ng		97
20) 3+4-Methylphenols	8.88	107	172424	43.795	ng		96
22) Acetophenone	8.94	105	219829	44.731	ng	#	95
24) Nitrobenzene	9.33	77	184180	45.797	ng		97
25) Isophorone	9.84	82	318209	42.370	ng		97
26) 2-Nitrophenol	10.03	139	81338	49.060	ng		92
27) 2,4-Dimethylphenol	10.08	122	138610	50.621	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	172542	42.567	ng		99
29) 2,4-Dichlorophenol	10.57	162	162270	46.667	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	176063	44.510	ng		96
31) Naphthalene	10.98	128	426318	45.323	ng		98
32) Benzoic acid	10.23	122	82928	40.482	ng		98
33) 4-Chloroaniline	11.09	127	48736	11.167	ng		96
34) Hexachlorobutadiene	11.24	225	127046	41.976	ng		97
35) Caprolactam	11.89	113	46938m	40.878	ng		
36) 4-Chloro-3-methylphenol	12.20	107	181840	45.790	ng		95
37) 2-Methylnaphthalene	12.57	142	326793	45.109	ng		98
38) 1-Methylnaphthalene	12.79	142	309002	45.263	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	240305	46.705	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	267236	94.911	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	153972	46.259	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	163307	46.522	ng		96
46) 1,1'-Biphenyl	13.57	154	438734	46.430	ng		99
47) 2-Chloronaphthalene	13.62	162	368792	45.462	ng		98
48) 2-Nitroaniline	13.84	65	128900	44.293	ng		97
49) Acenaphthylene	14.46	152	565068	46.282	ng		99
50) Dimethylphthalate	14.19	163	465328	43.062	ng		99
51) 2,6-Dinitrotoluene	14.32	165	105086	45.104	ng		96
52) Acenaphthene	14.81	154	327419	44.268	ng		98
53) 3-Nitroaniline	14.65	138	58193	24.978	ng		99
54) 2,4-Dinitrophenol	14.86	184	107939	86.060	ng		98
55) Dibenzofuran	15.13	168	568590	45.687	ng		99
56) 4-Nitrophenol	14.95	139	152178	95.229	ng		88
57) 2,4-Dinitrotoluene	15.11	165	152260	46.264	ng	#	98
58) Fluorene	15.78	166	449734	45.376	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	167789	48.638	ng		97
60) Diethylphthalate	15.54	149	480220	43.546	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	283607	44.024	ng		97
62) 4-Nitroaniline	15.82	138	101540	41.168	ng		91
63) Azobenzene	16.06	77	442242	44.122	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	85729	49.850	ng		97
66) n-Nitrosodiphenylamine	15.99	169	408340	45.627	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	186217	43.343	ng		97
68) Hexachlorobenzene	16.77	284	194079	42.422	ng		98
69) Atrazine	16.93	200	170909	49.493	ng		99
70) Pentachlorophenol	17.13	266	217952	88.456	ng		98
71) Phenanthrene	17.53	178	747695	45.089	ng		98
72) Anthracene	17.61	178	769040	47.021	ng		100
73) Carbazole	17.89	167	661958	47.170	ng		100
74) Di-n-butylphthalate	18.42	149	780272	44.736	ng		98
75) Fluoranthene	19.53	202	966088	47.166	ng		99
77) Benzidine	19.71	184	189880	25.652	ng		97
78) Pyrene	19.89	202	962091	47.697	ng		99
80) Butylbenzylphthalate	20.76	149	359206	45.760	ng		96
81) Benzo(a)anthracene	21.74	228	909698	44.043	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	168230	23.157	ng		100
83) Chrysene	21.81	228	902786	45.674	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	501670	45.399	ng		97
85) Di-n-octyl phthalate	22.84	149	839098	45.595	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	884140	36.515	ng	#	99
88) Benzo(b)fluoranthene	24.02	252	908303	47.737	ng		99
89) Benzo(k)fluoranthene	24.09	252	908250	48.238	ng		99
90) Benzo(a)pyrene	24.93	252	870962	47.979	ng		98
91) Dibenzo(a,h)anthracene	28.98	278	732917	40.406	ng		99
92) Benzo(g,h,i)perylene	30.12	276	694049	39.385	ng		97

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

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