Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
Data File : BG040623.D
Acq On : 26 Apr 2019 11:10
Operator : JU/SJ
Sample : PB119170BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119170BS

Manual Integrations APPROVED
Sohil
4/30/2019 7:02:18 PM

Quant Time: Apr 27 02:32:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40034	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	170218	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	120568	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	316744	20.00	ng		0.00
76) Chrysene-d12	21.83	240	387396	20.00	ng		0.00
87) Perylene-d12	25.21	264	353379	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	341447	150.34	ng		0.00
7) Phenol-d6	7.29	99	498791	142.64	ng		0.00
23) Nitrobenzene-d5	9.33	82	300867	81.67	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	228198	137.70	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	619256	74.18	ng		0.00
79) Terphenyl-d14	20.13	244	1365887	78.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	42591	41.236	ng		95
3) Pyridine	3.96	79	109483	36.571	ng		98
4) n-Nitrosodimethylamine	3.88	42	71703	43.181	ng		97
6) Aniline	7.47	93	148923	32.131	ng		97
8) 2-Chlorophenol	7.72	128	121427	43.787	ng		94
9) Benzaldehyde	7.29	77	43285	16.478	ng		91
10) Phenol	7.32	94	175057	46.571	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	115844	41.098	ng		97
12) 1,3-Dichlorobenzene	8.04	146	123028	40.646	ng		98
13) 1,4-Dichlorobenzene	8.19	146	127001	41.391	ng		98
14) 1,2-Dichlorobenzene	8.51	146	119351	40.334	ng		95
15) Benzyl Alcohol	8.39	79	153190	42.103	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	228566	40.728	ng		99
17) 2-Methylphenol	8.58	107	120787	45.406	ng		97
18) Hexachloroethane	9.24	117	48584	38.599	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	116611	37.046	ng		98
20) 3+4-Methylphenols	8.91	107	164917	44.503	ng		97
22) Acetophenone	8.98	105	204380	43.179	ng	#	97
24) Nitrobenzene	9.38	77	180009	45.798	ng		97
25) Isophorone	9.89	82	332231	40.487	ng		99
26) 2-Nitrophenol	10.09	139	64624	45.868	ng		93
27) 2,4-Dimethylphenol	10.13	122	131104	49.595	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	168814	41.004	ng		99
29) 2,4-Dichlorophenol	10.62	162	137008	45.589	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	140029	42.016	ng		98
31) Naphthalene	11.03	128	378322	41.835	ng		99
32) Benzoic acid	10.25	122	94691m	52.325	ng		
33) 4-Chloroaniline	11.14	127	100214	24.994	ng		97
34) Hexachlorobutadiene	11.30	225	100717	40.935	ng		98
35) Caprolactam	11.92	113	49802m	41.973	ng		
36) 4-Chloro-3-methylphenol	12.23	107	166800	43.996	ng		97
37) 2-Methylnaphthalene	12.63	142	288535	42.674	ng		98
38) 1-Methylnaphthalene	12.84	142	272368	41.213	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	187892	41.833	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	241117	90.976	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	126438	46.583	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	135456	45.813	ng		95
46) 1,1'-Biphenyl	13.63	154	385349	41.165	ng		96
47) 2-Chloronaphthalene	13.67	162	302772	41.329	ng		99
48) 2-Nitroaniline	13.87	65	133772	51.298	ng		94
49) Acenaphthylene	14.51	152	506111	40.720	ng		100
50) Dimethylphthalate	14.24	163	429662	42.593	ng		99
51) 2,6-Dinitrotoluene	14.36	165	94336	47.915	ng		98
52) Acenaphthene	14.85	154	295456	40.819	ng		96
53) 3-Nitroaniline	14.69	138	67884	33.651	ng		97
54) 2,4-Dinitrophenol	14.89	184	103482	92.037	ng	#	83
55) Dibenzofuran	15.18	168	498127	42.016	ng		97
56) 4-Nitrophenol	14.98	139	167671	95.856	ng		96
57) 2,4-Dinitrotoluene	15.14	165	132021	49.348	ng		93
58) Fluorene	15.84	166	398994	41.638	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	143178	48.111	ng	#	98
60) Diethylphthalate	15.59	149	460840	43.298	ng		100
61) 4-Chlorophenyl-phenylether	15.82	204	234669	42.106	ng		97
62) 4-Nitroaniline	15.86	138	107029	47.430	ng		96
63) Azobenzene	16.11	77	467038	42.609	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	72730	46.808	ng		97
66) n-Nitrosodiphenylamine	16.03	169	379182	40.689	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	153755	38.963	ng		98
68) Hexachlorobenzene	16.82	284	160977	39.451	ng		97
69) Atrazine	16.97	200	169171	45.819	ng		99
70) Pentachlorophenol	17.17	266	221212	92.646	ng		95
71) Phenanthrene	17.57	178	721270	42.277	ng		99
72) Anthracene	17.67	178	745179	43.454	ng		100
73) Carbazole	17.93	167	693156	44.365	ng		100
74) Di-n-butylphthalate	18.48	149	862202	45.721	ng		99
75) Fluoranthene	19.58	202	1009818	47.498	ng		100
77) Benzidine	19.75	184	367510	34.648	ng		99
78) Pyrene	19.94	202	1011605	41.664	ng		99
80) Butylbenzylphthalate	20.82	149	411188	43.451	ng		98
81) Benzo(a)anthracene	21.80	228	977677	39.932	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	251987	28.876	ng		97
83) Chrysene	21.87	228	960717	41.259	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	553797	40.540	ng		98
85) Di-n-octyl phthalate	22.96	149	950751	41.326	ng		99
86) Indeno(1,2,3-cd)pyrene	29.10	276	1137742	40.414	ng	#	91
88) Benzo(b)fluoranthene	24.13	252	982382	45.492	ng		99
89) Benzo(k)fluoranthene	24.20	252	949108	47.062	ng		99
90) Benzo(a)pyrene	25.05	252	961244	47.025	ng		97
91) Dibenzo(a,h)anthracene	29.18	278	936624	45.279	ng		96
92) Benzo(g,h,i)perylene	30.34	276	932635	45.302	ng		99

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

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