Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040660.D
Acq On : 29 Apr 2019 14:10
Operator : JU/SJ
Sample : PB119233BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119233BSD

Manual Integrations APPROVED
Sohil
4/30/2019 6:44:41 PM

Quant Time: Apr 30 05:40:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 05:31:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	71584	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	310068	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	216465	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	587189	20.00	ng		0.00
76) Chrysene-d12	21.82	240	664754	20.00	ng		0.00
87) Perylene-d12	25.19	264	488317	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	619483	152.55	ng		0.00
7) Phenol-d6	7.30	99	882046	141.07	ng		0.00
23) Nitrobenzene-d5	9.33	82	551764	82.22	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	449049	150.92	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	1125613	75.10	ng		0.00
79) Terphenyl-d14	20.12	244	2125175	70.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	73263	39.670	ng		96
3) Pyridine	3.95	79	132914	24.830	ng		98
4) n-Nitrosodimethylamine	3.87	42	109326	36.820	ng	#	97
6) Aniline	7.47	93	233940	28.228	ng		99
8) 2-Chlorophenol	7.72	128	220025	44.373	ng		97
9) Benzaldehyde	7.29	77	10364m	2.673	ng		
10) Phenol	7.32	94	311832	46.395	ng		94
11) bis(2-Chloroethyl)ether	7.57	93	210843	41.833	ng		99
12) 1,3-Dichlorobenzene	8.04	146	208997	38.616	ng		98
13) 1,4-Dichlorobenzene	8.19	146	217775	39.693	ng		99
14) 1,2-Dichlorobenzene	8.51	146	210899	39.859	ng		98
15) Benzyl Alcohol	8.39	79	279790	43.006	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	406086	40.468	ng		97
17) 2-Methylphenol	8.58	107	214175	45.027	ng		95
18) Hexachloroethane	9.24	117	86903	38.613	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	219273	38.958	ng		99
20) 3+4-Methylphenols	8.91	107	298971	45.119	ng		97
22) Acetophenone	8.98	105	369229	42.823	ng	#	99
24) Nitrobenzene	9.38	77	320292	44.735	ng		98
25) Isophorone	9.89	82	602811	40.328	ng		99
26) 2-Nitrophenol	10.08	139	127935	49.849	ng		91
27) 2,4-Dimethylphenol	10.12	122	241132	50.075	ng		99
28) bis(2-Chloroethoxy)methane	10.38	93	305166	40.691	ng		97
29) 2,4-Dichlorophenol	10.61	162	253479	46.302	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	260957	42.985	ng		98
31) Naphthalene	11.03	128	683369	41.484	ng		99
32) Benzoic acid	10.28	122	175906	53.361	ng		87
33) 4-Chloroaniline	11.13	127	184211	25.222	ng		98
34) Hexachlorobutadiene	11.29	225	191711	42.774	ng		96
35) Caprolactam	11.94	113	88742m	41.058	ng		
36) 4-Chloro-3-methylphenol	12.23	107	305302	44.208	ng		96
37) 2-Methylnaphthalene	12.62	142	521926	42.376	ng		99
38) 1-Methylnaphthalene	12.84	142	500293	41.557	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	353242	43.806	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 05:31:08 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	312512	65.677	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	238438	48.930	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	250319	47.155	ng		99
46) 1,1'-Biphenyl	13.62	154	692729	41.218	ng		98
47) 2-Chloronaphthalene	13.67	162	554914	42.190	ng		98
48) 2-Nitroaniline	13.87	65	240149	51.294	ng		98
49) Acenaphthylene	14.51	152	886359	39.720	ng		99
50) Dimethylphthalate	14.24	163	765558	42.270	ng		99
51) 2,6-Dinitrotoluene	14.36	165	168358	47.629	ng		98
52) Acenaphthene	14.85	154	534113	41.100	ng		96
53) 3-Nitroaniline	14.70	138	139089	38.404	ng		99
54) 2,4-Dinitrophenol	14.89	184	219349	107.395	ng	#	84
55) Dibenzofuran	15.18	168	893535	41.978	ng		97
56) 4-Nitrophenol	14.98	139	306968	97.746	ng		96
57) 2,4-Dinitrotoluene	15.14	165	246459	51.312	ng		98
58) Fluorene	15.83	166	720693	41.890	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	268108	50.179	ng		99
60) Diethylphthalate	15.59	149	815524	42.678	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	438708	43.844	ng		100
62) 4-Nitroaniline	15.86	138	185273	45.731	ng		99
63) Azobenzene	16.11	77	814901	41.409	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	146077	50.121	ng		97
66) n-Nitrosodiphenylamine	16.03	169	680728	39.404	ng		100
67) 4-Bromophenyl-phenylether	16.71	248	298000	40.735	ng		98
68) Hexachlorobenzene	16.82	284	311329	41.158	ng		99
69) Atrazine	16.97	200	263500	38.498	ng		99
70) Pentachlorophenol	17.17	266	424012	95.792	ng		99
71) Phenanthrene	17.57	178	1269199	40.130	ng		95
72) Anthracene	17.66	178	1281983	40.325	ng		97
73) Carbazole	17.93	167	1175287	40.578	ng		98
74) Di-n-butylphthalate	18.47	149	1426720	40.811	ng		98
75) Fluoranthene	19.57	202	1633700	41.451	ng		98
77) Benzidine	19.75	184	344585	18.932	ng		99
78) Pyrene	19.94	202	1599623	38.394	ng		95
80) Butylbenzylphthalate	20.81	149	672349	41.404	ng		98
81) Benzo(a)anthracene	21.80	228	1632276	38.852	ng		97
82) 3,3'-Dichlorobenzidine	21.71	252	514952	34.389	ng		97
83) Chrysene	21.87	228	1578438	39.505	ng		96
84) Bis(2-ethylhexyl)phthalate	21.68	149	937116	39.978	ng		97
85) Di-n-octyl phthalate	22.94	149	1605404	40.667	ng		99
86) Indeno(1,2,3-cd)pyrene	29.08	276	1976707	40.919	ng	#	92
88) Benzo(b)fluoranthene	24.11	252	1670947	55.996	ng		97
89) Benzo(k)fluoranthene	24.19	252	1609752	57.764	ng		97
90) Benzo(a)pyrene	25.04	252	1633194	57.820	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	1628494	56.971	ng		97
92) Benzo(g,h,i)perylene	30.31	276	1635877	57.504	ng		97

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

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