Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040670.D
Acq On : 29 Apr 2019 20:27
Operator : JU/SJ
Sample : PB119049BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119049BSD

Manual Integrations APPROVED
Sohil
4/30/2019 6:44:51 PM

Quant Time: Apr 30 04:14:55 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	47682	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	178893	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	125305	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	345604	20.00	ng		0.00
76) Chrysene-d12	21.82	240	413905	20.00	ng		0.00
87) Perylene-d12	25.18	264	402799	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	233735	86.41	ng		0.00
7) Phenol-d6	7.29	99	328755	78.94	ng		0.00
23) Nitrobenzene-d5	9.33	82	318678	82.31	ng		0.00
42) 2,4,6-Tribromophenol	16.26	330	154674	89.80	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	658297	75.87	ng		0.00
79) Terphenyl-d14	20.12	244	1389907	74.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	52779	42.904	ng		96
3) Pyridine	3.95	79	134150	37.623	ng		100
4) n-Nitrosodimethylamine	3.87	42	72441	36.628	ng	#	93
6) Aniline	7.47	93	133581	24.198	ng		99
8) 2-Chlorophenol	7.71	128	134474	40.714	ng		96
9) Benzaldehyde	7.29	77	33226	8.842	ng		91
10) Phenol	7.32	94	187115	41.795	ng		96
11) bis(2-Chloroethyl)ether	7.57	93	123805	36.877	ng		98
12) 1,3-Dichlorobenzene	8.04	146	139855	38.794	ng		98
13) 1,4-Dichlorobenzene	8.19	146	142257	38.926	ng		98
14) 1,2-Dichlorobenzene	8.51	146	134686	38.215	ng		98
15) Benzyl Alcohol	8.38	79	156316	36.071	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	231339	34.611	ng		99
17) 2-Methylphenol	8.58	107	126638	39.970	ng		97
18) Hexachloroethane	9.24	117	57151	38.123	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	124172	33.120	ng		99
20) 3+4-Methylphenols	8.91	107	173087	39.216	ng		98
22) Acetophenone	8.98	105	214747	43.169	ng	#	96
24) Nitrobenzene	9.37	77	184674	44.706	ng		99
25) Isophorone	9.89	82	335775	38.935	ng		100
26) 2-Nitrophenol	10.08	139	71206	48.089	ng	#	80
27) 2,4-Dimethylphenol	10.12	122	139952	50.375	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	178368	41.224	ng		94
29) 2,4-Dichlorophenol	10.61	162	148105	46.891	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	154832	44.205	ng		99
31) Naphthalene	11.03	128	411154	43.261	ng		99
32) Benzoic acid	10.24	122	102265	53.770	ng		99
33) 4-Chloroaniline	11.13	127	84565	20.068	ng		99
34) Hexachlorobutadiene	11.29	225	111663	43.183	ng		97
35) Caprolactam	11.91	113	49525m	39.716	ng		
36) 4-Chloro-3-methylphenol	12.23	107	178731	44.857	ng		97
37) 2-Methylnaphthalene	12.62	142	303629	42.729	ng		98
38) 1-Methylnaphthalene	12.84	142	284320	40.935	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	203393	43.572	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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	255058	92.598	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	138128	48.967	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	144602	47.057	ng		96
46) 1,1'-Biphenyl	13.62	154	409914	42.134	ng		96
47) 2-Chloronaphthalene	13.67	162	327518	43.017	ng		99
48) 2-Nitroaniline	13.87	65	136760	50.462	ng		98
49) Acenaphthylene	14.51	152	524448	40.600	ng		99
50) Dimethylphthalate	14.23	163	442439	42.201	ng		99
51) 2,6-Dinitrotoluene	14.35	165	96408	47.117	ng		96
52) Acenaphthene	14.85	154	311028	41.346	ng		95
53) 3-Nitroaniline	14.68	138	68583	32.713	ng	#	94
54) 2,4-Dinitrophenol	14.89	184	106092	90.887	ng	#	86
55) Dibenzofuran	15.18	168	522829	42.432	ng		98
56) 4-Nitrophenol	14.97	139	180149	99.096	ng		96
57) 2,4-Dinitrotoluene	15.14	165	143623	51.656	ng		90
58) Fluorene	15.82	166	420344	42.207	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	156748	50.679	ng		99
60) Diethylphthalate	15.58	149	468946	42.394	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	252744	43.635	ng		97
62) 4-Nitroaniline	15.85	138	110010	46.908	ng		93
63) Azobenzene	16.11	77	477591	41.924	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	75896	45.077	ng		97
66) n-Nitrosodiphenylamine	16.03	169	398062	39.148	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	169231	39.304	ng		93
68) Hexachlorobenzene	16.82	284	175437	39.405	ng		95
69) Atrazine	16.97	200	229460	56.959	ng		96
70) Pentachlorophenol	17.16	266	236721	90.863	ng		97
71) Phenanthrene	17.57	178	767433	41.226	ng		99
72) Anthracene	17.66	178	786629	42.040	ng		100
73) Carbazole	17.93	167	720961	42.291	ng		100
74) Di-n-butylphthalate	18.47	149	860269	41.809	ng		99
75) Fluoranthene	19.57	202	1043740	44.994	ng		99
77) Benzidine	19.75	184	371127	32.748	ng		99
78) Pyrene	19.93	202	1038538	40.033	ng		99
80) Butylbenzylphthalate	20.81	149	411251	40.674	ng		97
81) Benzo(a)anthracene	21.79	228	1012808	38.717	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	239042	25.638	ng		100
83) Chrysene	21.86	228	990803	39.826	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	570856	39.113	ng		100
85) Di-n-octyl phthalate	22.93	149	961310	39.109	ng		99
86) Indeno(1,2,3-cd)pyrene	29.05	276	1188719	39.520	ng	#	97
88) Benzo(b)fluoranthene	24.10	252	1036240	42.099	ng		98
89) Benzo(k)fluoranthene	24.18	252	997213m	43.381	ng		
90) Benzo(a)pyrene	25.02	252	1006841	43.213	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	982163	41.655	ng		98
92) Benzo(g,h,i)perylene	30.28	276	960525	40.932	ng		99

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

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