Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042363.D
Acq On : 20 Aug 2019 18:40
Operator : HP/JU
Sample : PB122401BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122401BS

Manual Integrations APPROVED
mohammad
8/22/2019 12:49:08 PM

Quant Time: Aug 21 11:56:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	68512	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	277493	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	198578	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	432541	20.00	ng	0.00
76) Chrysene-d12	21.70	240	426517	20.00	ng	0.00
87) Perylene-d12	24.94	264	433850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	433835	128.30	ng	0.02
7) Phenol-d6	7.19	99	553628	120.55	ng	0.02
23) Nitrobenzene-d5	9.18	82	310904	78.80	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	309587	114.47	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	924411	78.77	ng	0.00
79) Terphenyl-d14	20.03	244	1520936	78.10	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	58474	40.098	ng	99
3) Pyridine	3.83	79	129789	34.746	ng	100
4) n-Nitrosodimethylamine	3.75	42	55541	43.188	ng	100
6) Aniline	7.33	93	185229	30.561	ng	98
8) 2-Chlorophenol	7.58	128	186048	45.258	ng	97
9) Benzaldehyde	7.15	77	47757	18.487	ng	98
10) Phenol	7.21	94	212950	45.609	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	155009	42.033	ng	98
12) 1,3-Dichlorobenzene	7.90	146	210699	40.272	ng	99
13) 1,4-Dichlorobenzene	8.05	146	213365	40.490	ng	100
14) 1,2-Dichlorobenzene	8.37	146	202948	40.356	ng	98
15) Benzyl Alcohol	8.26	79	136106	43.093	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	204863	40.284	ng	99
17) 2-Methylphenol	8.47	107	149661	43.351	ng	98
18) Hexachloroethane	9.11	117	70962	39.183	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	117815	39.885	ng	98
20) 3+4-Methylphenols	8.80	107	205238	42.971	ng	98
22) Acetophenone	8.84	105	249045	42.239	ng	97
24) Nitrobenzene	9.23	77	173049	43.045	ng	99
25) Isophorone	9.75	82	324572	41.140	ng	98
26) 2-Nitrophenol	9.94	139	109852	43.956	ng	99
27) 2,4-Dimethylphenol	10.01	122	177793	51.280	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	207488	40.829	ng	98
29) 2,4-Dichlorophenol	10.49	162	205484	44.574	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	227463	40.366	ng	97
31) Naphthalene	10.89	128	542826	42.212	ng	99
32) Benzoic acid	10.17	122	106659	43.242	ng	99
33) 4-Chloroaniline	10.99	127	144225	24.595	ng	99
34) Hexachlorobutadiene	11.18	225	145309	38.480	ng	97
35) Caprolactam	11.76	113	63953m	43.527	ng	
36) 4-Chloro-3-methylphenol	12.13	107	185571	43.067	ng	97
37) 2-Methylnaphthalene	12.50	142	426488	41.373	ng	99
38) 1-Methylnaphthalene	12.72	142	402998	41.042	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	264767	41.365	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	323355	86.881 ng		98
43) 2,4,6-Trichlorophenol	13.10	196	182687	42.643 ng		99
44) 2,4,5-Trichlorophenol	13.19	196	193694	43.898 ng		99
46) 1,1'-Biphenyl	13.50	154	549182	42.390 ng		98
47) 2-Chloronaphthalene	13.54	162	450776	40.813 ng		100
48) 2-Nitroaniline	13.74	65	106269	40.711 ng		98
49) Acenaphthylene	14.39	152	702897	42.333 ng		99
50) Dimethylphthalate	14.12	163	573789	40.664 ng		99
51) 2,6-Dinitrotoluene	14.24	165	139932	42.372 ng		98
52) Acenaphthene	14.74	154	414958	40.968 ng		99
53) 3-Nitroaniline	14.57	138	97498	30.025 ng		99
54) 2,4-Dinitrophenol	14.78	184	158884	74.888 ng		98
55) Dibenzofuran	15.07	168	693981	42.064 ng		98
56) 4-Nitrophenol	14.90	139	259399	110.730 ng		98
57) 2,4-Dinitrotoluene	15.03	165	194526	42.130 ng		98
58) Fluorene	15.72	166	561033	41.802 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	190304m	44.408 ng		
60) Diethylphthalate	15.48	149	556005	40.728 ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	326782	40.546 ng		100
62) 4-Nitroaniline	15.74	138	133472	38.897 ng		99
63) Azobenzene	16.00	77	400513	42.100 ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	115928	43.926 ng		98
66) n-Nitrosodiphenylamine	15.92	169	525663	43.431 ng		99
67) 4-Bromophenyl-phenylether	16.60	248	223484	40.601 ng		99
68) Hexachlorobenzene	16.73	284	231721	39.299 ng		97
69) Atrazine	16.88	200	187404	45.172 ng		97
70) Pentachlorophenol	17.07	266	302885	96.501 ng		98
71) Phenanthrene	17.46	178	916170	42.529 ng		99
72) Anthracene	17.55	178	931953	43.377 ng		99
73) Carbazole	17.82	167	839178	43.970 ng		100
74) Di-n-butylphthalate	18.38	149	953848	42.845 ng		99
75) Fluoranthene	19.47	202	1134180	43.660 ng		99
77) Benzidine	19.65	184	264279	23.370 ng		99
78) Pyrene	19.84	202	1126664	42.930 ng		99
80) Butylbenzylphthalate	20.72	149	437020	42.015 ng		97
81) Benzo(a)anthracene	21.68	228	1079206	41.202 ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	385373	36.965 ng		100
83) Chrysene	21.74	228	1059031	42.266 ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	608838	41.981 ng		99
85) Di-n-octyl phthalate	22.80	149	1063030	42.972 ng	#	90
86) Indeno(1,2,3-cd)pyrene	28.65	276	1388648	41.508 ng		99
88) Benzo(b)fluoranthene	23.91	252	1193342	50.042 ng		99
89) Benzo(k)fluoranthene	23.98	252	1182100	50.712 ng		99
90) Benzo(a)pyrene	24.79	252	1175510	51.444 ng		99
91) Dibenzo(a,h)anthracene	28.71	278	1150849	50.485 ng		99
92) Benzo(g,h,i)perylene	29.81	276	1164084	51.245 ng		99

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

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