Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042419\
Data File : BG040600.D
Acq On : 24 Apr 2019 19:11
Operator : JU/SJ
Sample : PB119187BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119187BS

Manual Integrations APPROVED
Sohil
4/25/2019 5:29:03 PM

Quant Time: Apr 25 04:22:23 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	39402	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	157185	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	106035	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	267693	20.00	ng		0.00
76) Chrysene-d12	21.83	240	333514	20.00	ng		0.00
87) Perylene-d12	25.20	264	330376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	320899	143.56	ng		0.00
7) Phenol-d6	7.30	99	464524	134.97	ng		0.00
23) Nitrobenzene-d5	9.33	82	268227	78.85	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	192688	132.21	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	554841	75.57	ng		0.00
79) Terphenyl-d14	20.13	244	1191559	79.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	41033	40.365	ng		98
3) Pyridine	3.96	79	111146	37.722	ng		96
4) n-Nitrosodimethylamine	3.88	42	69606	42.590	ng	#	98
6) Aniline	7.48	93	122169	26.781	ng		98
8) 2-Chlorophenol	7.72	128	119308	43.713	ng		95
9) Benzaldehyde	7.29	77	41328	15.815	ng		95
10) Phenol	7.32	94	162664	43.968	ng		95
11) bis(2-Chloroethyl)ether	7.57	93	111044	40.027	ng		97
12) 1,3-Dichlorobenzene	8.04	146	117882	39.571	ng		98
13) 1,4-Dichlorobenzene	8.19	146	120151	39.786	ng		97
14) 1,2-Dichlorobenzene	8.51	146	115196	39.554	ng		99
15) Benzyl Alcohol	8.39	79	138967	38.806	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	210317	38.078	ng		98
17) 2-Methylphenol	8.59	107	110368	42.155	ng		97
18) Hexachloroethane	9.25	117	46944	37.895	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	111048	35.844	ng		97
20) 3+4-Methylphenols	8.92	107	153607	42.116	ng		99
22) Acetophenone	8.99	105	189797	43.423	ng	#	96
24) Nitrobenzene	9.38	77	159342	43.901	ng		95
25) Isophorone	9.90	82	309532	40.849	ng		99
26) 2-Nitrophenol	10.09	139	59280	45.564	ng		97
27) 2,4-Dimethylphenol	10.13	122	122914	50.352	ng		95
28) bis(2-Chloroethoxy)methane	10.38	93	156454	41.153	ng		97
29) 2,4-Dichlorophenol	10.62	162	130007	46.846	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	130450	42.388	ng		95
31) Naphthalene	11.03	128	352171	42.172	ng		99
32) Benzoic acid	10.19	122	19140m	11.453	ng		
33) 4-Chloroaniline	11.14	127	85711	23.149	ng		96
34) Hexachlorobutadiene	11.30	225	93971	41.360	ng		98
35) Caprolactam	11.92	113	44743	40.836	ng	#	87
36) 4-Chloro-3-methylphenol	12.24	107	152413	43.535	ng		99
37) 2-Methylnaphthalene	12.62	142	265940	42.594	ng		97
38) 1-Methylnaphthalene	12.85	142	250156	40.990	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	170476	43.158	ng		96

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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	237141	101.740	ng		96
43) 2,4,6-Trichlorophenol	13.22	196	113770	47.661	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	118576	45.600	ng		96
46) 1,1'-Biphenyl	13.62	154	347871	42.255	ng		96
47) 2-Chloronaphthalene	13.67	162	277919	43.136	ng		99
48) 2-Nitroaniline	13.87	65	109154	47.595	ng		95
49) Acenaphthylene	14.51	152	448809	41.058	ng		99
50) Dimethylphthalate	14.23	163	377011	42.496	ng		98
51) 2,6-Dinitrotoluene	14.36	165	77857	44.965	ng		95
52) Acenaphthene	14.85	154	263831	41.445	ng		96
53) 3-Nitroaniline	14.69	138	54377	30.650	ng	#	97
54) 2,4-Dinitrophenol	14.89	184	12499	18.692	ng		98
55) Dibenzofuran	15.19	168	438965	42.100	ng		100
56) 4-Nitrophenol	14.98	139	137506	89.385	ng		98
57) 2,4-Dinitrotoluene	15.15	165	107967	45.888	ng		98
58) Fluorene	15.83	166	351204	41.674	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	122256	46.711	ng		98
60) Diethylphthalate	15.59	149	402533	43.004	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	212437	43.341	ng		98
62) 4-Nitroaniline	15.86	138	90112	45.407	ng		98
63) Azobenzene	16.11	77	416023	43.157	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	15906	17.376	ng		93
66) n-Nitrosodiphenylamine	16.03	169	328161	41.667	ng		97
67) 4-Bromophenyl-phenylether	16.71	248	133771	40.110	ng		99
68) Hexachlorobenzene	16.83	284	145027	42.055	ng		96
69) Atrazine	16.97	200	146203	46.854	ng		98
70) Pentachlorophenol	17.17	266	124335	61.615	ng		97
71) Phenanthrene	17.57	178	626750	43.468	ng		99
72) Anthracene	17.67	178	644032	44.437	ng		99
73) Carbazole	17.94	167	596307	45.160	ng		98
74) Di-n-butylphthalate	18.48	149	745298	46.764	ng		98
75) Fluoranthene	19.58	202	865462	48.167	ng		98
77) Benzidine	19.76	184	353866	38.751	ng		99
78) Pyrene	19.94	202	870349	41.637	ng		99
80) Butylbenzylphthalate	20.81	149	354778	43.547	ng		98
81) Benzo(a)anthracene	21.80	228	858613	40.734	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	174304	23.201	ng		97
83) Chrysene	21.87	228	844890	42.147	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	501200	42.618	ng		99
85) Di-n-octyl phthalate	22.95	149	859255	43.383	ng		99
86) Indeno(1,2,3-cd)pyrene	29.08	276	1018317	42.016	ng		92
88) Benzo(b)fluoranthene	24.12	252	875007	43.341	ng		98
89) Benzo(k)fluoranthene	24.19	252	851588	45.167	ng		98
90) Benzo(a)pyrene	25.04	252	854562	44.717	ng		98
91) Dibenzo(a,h)anthracene	29.15	278	837288	43.295	ng		98
92) Benzo(g,h,i)perylene	30.30	276	839167	43.600	ng		99

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

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