Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
Data File : BG040370.D
Acq On : 4 Apr 2019 21:59
Operator : JU/SJ
Sample : PB118527BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118527BS

Manual Integrations APPROVED
Sohil
4/5/2019 12:24:59 PM

Quant Time: Apr 05 02:32:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	75528	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	306895	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	190860	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	475596	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	514086	20.00	ng		-0.03
87) Perylene-d12	24.98	264	504818	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	351339	77.33	ng		-0.02
7) Phenol-d6	7.20	99	498931	79.46	ng		-0.02
23) Nitrobenzene-d5	9.22	82	459904	79.65	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	190934	92.57	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	1027504	79.77	ng		-0.02
79) Terphenyl-d14	20.02	244	1779030	77.85	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	85651	40.093	ng		98
3) Pyridine	3.90	79	218136	37.924	ng		98
4) n-Nitrosodimethylamine	3.82	42	102656	38.583	ng	#	86
6) Aniline	7.37	93	312201	38.271	ng		98
8) 2-Chlorophenol	7.61	128	210507	39.581	ng		99
9) Benzaldehyde	7.19	77	131330	30.492	ng		97
10) Phenol	7.23	94	272575	39.995	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	213876	39.182	ng		99
12) 1,3-Dichlorobenzene	7.93	146	226143	39.116	ng		96
13) 1,4-Dichlorobenzene	8.08	146	227011	39.424	ng		99
14) 1,2-Dichlorobenzene	8.40	146	215413	39.120	ng		95
15) Benzyl Alcohol	8.29	79	190474	37.668	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	385467	36.795	ng		98
17) 2-Methylphenol	8.48	107	189142	40.107	ng		98
18) Hexachloroethane	9.12	117	83672	38.202	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	164478	36.536	ng		97
20) 3+4-Methylphenols	8.81	107	258705	40.494	ng		98
22) Acetophenone	8.88	105	325908	42.572	ng	#	97
24) Nitrobenzene	9.27	77	245002	40.978	ng		99
25) Isophorone	9.78	82	477136	40.163	ng		97
26) 2-Nitrophenol	9.98	139	120159	42.413	ng		99
27) 2,4-Dimethylphenol	10.02	122	196329	43.628	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	284227	40.439	ng		99
29) 2,4-Dichlorophenol	10.51	162	211690	43.339	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	226980	42.320	ng		98
31) Naphthalene	10.91	128	658712	41.875	ng		99
32) Benzoic acid	10.16	122	107562	39.561	ng		96
33) 4-Chloroaniline	11.03	127	281838	42.003	ng		99
34) Hexachlorobutadiene	11.17	225	137350	40.042	ng		96
35) Caprolactam	11.82	113	80328m	41.441	ng		
36) 4-Chloro-3-methylphenol	12.14	107	242086	43.111	ng		97
37) 2-Methylnaphthalene	12.51	142	498029	42.808	ng		98
38) 1-Methylnaphthalene	12.73	142	472461	41.879	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	254027	41.876	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	281623	84.552	ng		96
43) 2,4,6-Trichlorophenol	13.11	196	172259	44.044	ng		94
44) 2,4,5-Trichlorophenol	13.19	196	187934	44.085	ng		96
46) 1,1'-Biphenyl	13.51	154	620994	41.179	ng		100
47) 2-Chloronaphthalene	13.56	162	489949	42.355	ng		99
48) 2-Nitroaniline	13.77	65	167140	42.836	ng		97
49) Acenaphthylene	14.41	152	792503	40.408	ng		99
50) Dimethylphthalate	14.13	163	623582	41.746	ng		99
51) 2,6-Dinitrotoluene	14.27	165	146658	43.726	ng		94
52) Acenaphthene	14.74	154	464936	41.371	ng		98
53) 3-Nitroaniline	14.60	138	147778	41.624	ng		94
54) 2,4-Dinitrophenol	14.81	184	167245	93.761	ng		86
55) Dibenzofuran	15.08	168	770687	42.677	ng		99
56) 4-Nitrophenol	14.90	139	247448	86.357	ng		98
57) 2,4-Dinitrotoluene	15.05	165	208556	44.751	ng		99
58) Fluorene	15.72	166	601502	42.366	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	172898	44.695	ng		99
60) Diethylphthalate	15.48	149	656701	42.963	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	325438	42.882	ng		97
62) 4-Nitroaniline	15.76	138	172803	45.354	ng		98
63) Azobenzene	16.00	77	599460	41.577	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	131725	49.299	ng		89
66) n-Nitrosodiphenylamine	15.93	169	566446	40.701	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	214988	40.169	ng		96
68) Hexachlorobenzene	16.72	284	222466	41.341	ng		99
69) Atrazine	16.87	200	197476	38.144	ng		97
70) Pentachlorophenol	17.07	266	233550	75.069	ng		97
71) Phenanthrene	17.47	178	1025811	41.035	ng		98
72) Anthracene	17.56	178	1044129	41.730	ng		97
73) Carbazole	17.83	167	998972	42.187	ng		99
74) Di-n-butylphthalate	18.36	149	1168935	41.645	ng		100
75) Fluoranthene	19.47	202	1289262	43.555	ng		98
77) Benzidine	19.66	184	946490	50.985	ng		99
78) Pyrene	19.84	202	1317307	38.966	ng		97
80) Butylbenzylphthalate	20.70	149	601016	41.546	ng		96
81) Benzo(a)anthracene	21.67	228	1313507	41.481	ng		97
82) 3,3'-Dichlorobenzidine	21.59	252	499693	41.484	ng		100
83) Chrysene	21.74	228	1243928	40.876	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	843135	40.772	ng		99
85) Di-n-octyl phthalate	22.77	149	1459471	41.424	ng		100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1587423	42.649	ng	#	92
88) Benzo(b)fluoranthene	23.92	252	1383098	44.750	ng		98
89) Benzo(k)fluoranthene	24.00	252	1329995	46.794	ng		99
90) Benzo(a)pyrene	24.82	252	1362327	46.979	ng		99
91) Dibenzo(a,h)anthracene	28.80	278	1285966	47.747	ng		98
92) Benzo(g,h,i)perylene	29.93	276	1318196	47.625	ng		97

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

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