Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
Data File : BG044719.D
Acq On : 11 Mar 2020 13:58
Operator : CG/JU
Sample : PB127319BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB127319BS

Manual Integrations APPROVED
mohammad
3/16/2020 1:46:26 PM

Quant Time: Mar 12 01:50:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	111647	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	465877	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	317127	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	713218	20.00	ng		0.00
76) Chrysene-d12	21.71	240	635516	20.00	ng		0.00
87) Perylene-d12	24.93	264	648410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	891520	124.30	ng		0.00
7) Phenol-d6	7.22	99	1258670	120.79	ng		0.00
23) Nitrobenzene-d5	9.22	82	696584	65.61	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	457871	110.27	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1429615	64.56	ng		0.00
79) Terphenyl-d14	20.05	244	2204299	64.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	118526	34.318	ng		97
3) Pyridine	3.91	79	296420	28.992	ng		99
4) n-Nitrosodimethylamine	3.83	42	155180	40.002	ng		99
6) Aniline	7.38	93	426693	32.907	ng		97
8) 2-Chlorophenol	7.63	128	332517	46.444	ng		99
9) Benzaldehyde	7.19	77	153499	20.790	ng		97
10) Phenol	7.24	94	473135	45.862	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	343281	41.693	ng		99
12) 1,3-Dichlorobenzene	7.95	146	333378	37.800	ng		97
13) 1,4-Dichlorobenzene	8.10	146	336359	38.577	ng		98
14) 1,2-Dichlorobenzene	8.42	146	324155	39.199	ng		99
15) Benzyl Alcohol	8.30	79	360080	43.068	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	550414	37.881	ng		99
17) 2-Methylphenol	8.50	107	314002	44.933	ng		96
18) Hexachloroethane	9.15	117	133927	39.014	ng		97
19) n-Nitroso-di-n-propylamine	8.87	70	291302	39.590	ng	#	98
20) 3+4-Methylphenols	8.83	107	431101	44.751	ng		98
22) Acetophenone	8.88	105	514585	38.989	ng		99
24) Nitrobenzene	9.26	77	443605	40.269	ng		98
25) Isophorone	9.79	82	801414	38.677	ng		97
26) 2-Nitrophenol	9.98	139	162239	43.063	ng		96
27) 2,4-Dimethylphenol	10.04	122	327374	48.516	ng		96
28) bis(2-Chloroethoxy)methane	10.28	93	464606	37.572	ng		98
29) 2,4-Dichlorophenol	10.51	162	335173	42.527	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	359195	38.115	ng		95
31) Naphthalene	10.92	128	1000641	38.773	ng		99
32) Benzoic acid	10.17	122	205508	40.889	ng		99
33) 4-Chloroaniline	11.02	127	249120	21.426	ng		98
34) Hexachlorobutadiene	11.22	225	224141	36.167	ng		96
35) Caprolactam	11.79	113	127925m	42.869	ng		
36) 4-Chloro-3-methylphenol	12.14	107	397078	42.243	ng		97
37) 2-Methylnaphthalene	12.53	142	752579	38.984	ng		98
38) 1-Methylnaphthalene	12.74	142	714696	39.379	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	387691	37.121	ng		99

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Quant Time: Mar 12 01:50:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	460946	80.759 ng		96
43) 2,4,6-Trichlorophenol	13.13	196	285299	41.162 ng		98
44) 2,4,5-Trichlorophenol	13.20	196	298410	41.515 ng		96
46) 1,1'-Biphenyl	13.53	154	937414	36.990 ng		98
47) 2-Chloronaphthalene	13.57	162	719638	37.173 ng		99
48) 2-Nitroaniline	13.76	65	269883	39.820 ng		100
49) Acenaphthylene	14.41	152	1183327	39.016 ng		100
50) Dimethylphthalate	14.15	163	965900	38.242 ng		99
51) 2,6-Dinitrotoluene	14.25	165	214573	42.146 ng		96
52) Acenaphthene	14.76	154	835274	42.052 ng		100
53) 3-Nitroaniline	14.58	138	163114	27.867 ng		100
54) 2,4-Dinitrophenol	14.79	184	211080	79.410 ng	#	66
55) Dibenzofuran	15.09	168	1127204	39.134 ng		100
56) 4-Nitrophenol	14.89	139	409665	91.706 ng		98
57) 2,4-Dinitrotoluene	15.04	165	291889	41.803 ng	#	97
58) Fluorene	15.74	166	912639	38.517 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	275369m	41.610 ng		
60) Diethylphthalate	15.52	149	1002144	38.041 ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	489391	38.358 ng		98
62) 4-Nitroaniline	15.75	138	223670	35.836 ng		97
63) Azobenzene	16.03	77	1062818	38.850 ng		100
65) 4,6-Dinitro-2-methylphenol	15.81	198	150109	45.252 ng		95
66) n-Nitrosodiphenylamine	15.95	169	837491	39.002 ng		98
67) 4-Bromophenyl-phenylether	16.63	248	330464	37.063 ng		99
68) Hexachlorobenzene	16.75	284	356510	36.856 ng		99
69) Atrazine	16.90	200	354439	45.053 ng		98
70) Pentachlorophenol	17.09	266	448637	84.294 ng		97
71) Phenanthrene	17.48	178	1475233	38.707 ng		99
72) Anthracene	17.57	178	1500601	39.929 ng		99
73) Carbazole	17.83	167	1443100	39.975 ng		100
74) Di-n-butylphthalate	18.41	149	1726411	39.341 ng		100
75) Fluoranthene	19.49	202	1834734	40.430 ng		99
77) Benzidine	19.66	184	573875	27.816 ng		97
78) Pyrene	19.85	202	1830454	39.258 ng		97
80) Butylbenzylphthalate	20.74	149	797493	38.447 ng		95
81) Benzo(a)anthracene	21.69	228	1754672	38.344 ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	579234	32.718 ng		99
83) Chrysene	21.76	228	1676865	38.361 ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	1107278	38.679 ng		98
85) Di-n-octyl phthalate	22.85	149	1892346	39.502 ng		100
86) Indeno(1,2,3-cd)pyrene	28.60	276	2206295	38.499 ng		99
88) Benzo(b)fluoranthene	23.91	252	1890795	44.171 ng		99
89) Benzo(k)fluoranthene	23.98	252	1807808	44.627 ng		100
90) Benzo(a)pyrene	24.78	252	1729810	43.187 ng		98
91) Dibenzo(a,h)anthracene	28.67	278	1790580	45.313 ng		98
92) Benzo(g,h,i)perylene	29.74	276	1847765	46.282 ng		99

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

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