Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044271.D
Acq On : 3 Feb 2020 14:07
Operator : CG/JU
Sample : PB126541BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126541BS

Manual Integrations APPROVED
mohammad
2/4/2020 6:11:51 PM

Quant Time: Feb 04 01:04:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	78491	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	348274	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	255535	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	585512	20.00	ng	0.00
76) Chrysene-d12	21.55	240	511677	20.00	ng	0.00
87) Perylene-d12	24.65	264	545323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	581704	130.79	ng	0.00
7) Phenol-d6	7.09	99	805107	134.81	ng	0.00
23) Nitrobenzene-d5	9.07	82	420173	68.11	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	367263	122.43	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1034072	67.76	ng	0.00
79) Terphenyl-d14	19.92	244	1631092	65.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	73063	36.564	ng	98
3) Pyridine	3.77	79	176019	33.063	ng	99
4) n-Nitrosodimethylamine	3.68	42	87657	39.403	ng	99
6) Aniline	7.24	93	247679	33.411	ng	99
8) 2-Chlorophenol	7.48	128	229100	46.871	ng	98
9) Benzaldehyde	7.05	77	108701	31.957	ng	97
10) Phenol	7.11	94	292340	49.460	ng	98
11) bis(2-Chloroethyl)ether	7.33	93	208365	41.235	ng	96
12) 1,3-Dichlorobenzene	7.81	146	230541	39.503	ng	99
13) 1,4-Dichlorobenzene	7.95	146	236173	40.859	ng	99
14) 1,2-Dichlorobenzene	8.27	146	222646	40.752	ng	99
15) Benzyl Alcohol	8.15	79	193791	45.833	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	273444	39.981	ng	98
17) 2-Methylphenol	8.37	107	207353	49.170	ng	97
18) Hexachloroethane	9.00	117	85422	39.383	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	169297	42.534	ng	97
20) 3+4-Methylphenols	8.69	107	286933	49.371	ng	99
22) Acetophenone	8.74	105	318590	37.603	ng	99
24) Nitrobenzene	9.11	77	241485	40.098	ng	99
25) Isophorone	9.64	82	474129	41.236	ng	100
26) 2-Nitrophenol	9.83	139	134772	43.128	ng	99
27) 2,4-Dimethylphenol	9.89	122	233845	53.012	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	304261	39.667	ng	99
29) 2,4-Dichlorophenol	10.37	162	248494	46.588	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	235116	38.442	ng	99
31) Naphthalene	10.77	128	698662	41.348	ng	99
32) Benzoic acid	10.05	122	85090	34.810	ng	90
33) 4-Chloroaniline	10.88	127	202651	26.370	ng	98
34) Hexachlorobutadiene	11.07	225	134375	35.706	ng	99
35) Caprolactam	11.64	113	99451m	50.899	ng	
36) 4-Chloro-3-methylphenol	12.01	107	279042	49.897	ng	97
37) 2-Methylnaphthalene	12.38	142	541823	43.188	ng	99
38) 1-Methylnaphthalene	12.60	142	517542	43.756	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	267721	35.024	ng	99

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Quant Time: Feb 04 01:04:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	298174	81.296	ng		98
43) 2,4,6-Trichlorophenol	12.99	196	203597	41.207	ng		99
44) 2,4,5-Trichlorophenol	13.07	196	230570	45.689	ng		99
46) 1,1'-Biphenyl	13.39	154	704568	38.225	ng		100
47) 2-Chloronaphthalene	13.43	162	558468	38.076	ng		99
48) 2-Nitroaniline	13.63	65	177467	40.999	ng		97
49) Acenaphthylene	14.28	152	909288	42.267	ng		99
50) Dimethylphthalate	14.01	163	747300	40.684	ng		100
51) 2,6-Dinitrotoluene	14.12	165	174118	42.514	ng		99
52) Acenaphthene	14.62	154	554469	39.764	ng		98
53) 3-Nitroaniline	14.45	138	138072	30.472	ng		99
54) 2,4-Dinitrophenol	14.66	184	178289	74.089	ng		98
55) Dibenzofuran	14.95	168	890057	42.159	ng		100
56) 4-Nitrophenol	14.78	139	318089	95.836	ng		99
57) 2,4-Dinitrotoluene	14.92	165	248672	43.321	ng		97
58) Fluorene	15.60	166	711587	42.793	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	206309	45.260	ng		99
60) Diethylphthalate	15.38	149	767849	41.952	ng		98
61) 4-Chlorophenyl-phenylether	15.60	204	373079	41.379	ng		99
62) 4-Nitroaniline	15.62	138	178130	39.343	ng		94
63) Azobenzene	15.89	77	696361	43.411	ng		99
65) 4,6-Dinitro-2-methylphenol	15.68	198	143501	44.400	ng		98
66) n-Nitrosodiphenylamine	15.81	169	679586	41.416	ng		99
67) 4-Bromophenyl-phenylether	16.49	248	248469	38.951	ng		98
68) Hexachlorobenzene	16.62	284	270485	37.848	ng		98
69) Atrazine	16.76	200	256142	45.544	ng		97
70) Pentachlorophenol	16.96	266	288145	79.741	ng		98
71) Phenanthrene	17.34	178	1147904	40.487	ng		99
72) Anthracene	17.43	178	1180967	42.131	ng		99
73) Carbazole	17.70	167	1057510	40.923	ng		99
74) Di-n-butylphthalate	18.27	149	1286861	40.298	ng		99
75) Fluoranthene	19.35	202	1330971	40.580	ng		99
77) Benzidine	19.53	184	352528	24.839	ng		99
78) Pyrene	19.71	202	1336472	40.672	ng		99
80) Butylbenzylphthalate	20.60	149	596420	39.829	ng		97
81) Benzo(a)anthracene	21.53	228	1277645	40.515	ng		99
82) 3,3'-Dichlorobenzidine	21.45	252	374864	30.628	ng		99
83) Chrysene	21.59	228	1226487	40.237	ng		100
84) Bis(2-ethylhexyl)phthalate	21.45	149	840281	40.768	ng		100
85) Di-n-octyl phthalate	22.63	149	1470242	41.227	ng	#	96
86) Indeno(1,2,3-cd)pyrene	28.15	276	1462297	36.771	ng	#	87
88) Benzo(b)fluoranthene	23.67	252	1346232	42.842	ng		99
89) Benzo(k)fluoranthene	23.74	252	1338695	43.711	ng		100
90) Benzo(a)pyrene	24.50	252	1265951	42.610	ng		98
91) Dibenzo(a,h)anthracene	28.23	278	1260025	42.853	ng		99
92) Benzo(g,h,i)perylene	29.25	276	1197625	40.687	ng		99

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

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