Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
Data File : BG046024.D
Acq On : 13 Jul 2020 15:55
Operator : CG/JU
Sample : PB130129BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130129BSD

Manual Integrations APPROVED
mohammad
7/14/2020 12:01:35 PM

Quant Time: Jul 13 16:34:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	140830	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	565340	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	350190	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	759374	20.00	ng		0.00
76) Chrysene-d12	21.63	240	635071	20.00	ng		0.00
86) Perylene-d12	24.78	264	661671	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	748891	86.24	ng		0.00
7) Phenol-d6	7.17	99	1032901	82.61	ng		0.00
23) Nitrobenzene-d5	9.16	82	905708	92.21	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	276875	85.19	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1692709	75.40	ng		0.00
79) Terphenyl-d14	19.98	244	2278123	79.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	128583	32.093	ng		98
3) Pyridine	3.89	79	429565	35.458	ng		99
4) n-Nitrosodimethylamine	3.81	42	178960	43.686	ng	#	97
6) Aniline	7.32	93	495854	31.002	ng		99
8) 2-Chlorophenol	7.57	128	426528	45.626	ng		97
9) Benzaldehyde	7.14	77	142224	17.954	ng		96
10) Phenol	7.20	94	574891	45.838	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	409542	39.489	ng		97
12) 1,3-Dichlorobenzene	7.89	146	412836	38.313	ng		98
13) 1,4-Dichlorobenzene	8.04	146	416723	39.313	ng		98
14) 1,2-Dichlorobenzene	8.36	146	390833	38.310	ng		98
15) Benzyl Alcohol	8.24	79	408186	41.637	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	529741	39.149	ng		98
17) 2-Methylphenol	8.45	107	385101	40.921	ng		98
18) Hexachloroethane	9.09	117	158224	38.794	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	345491	39.335	ng		98
20) 3+4-Methylphenols	8.77	107	529319	41.270	ng		99
22) Acetophenone	8.82	105	585328	38.756	ng	#	97
24) Nitrobenzene	9.20	77	498158	45.951	ng		99
25) Isophorone	9.73	82	900351	37.549	ng		99
26) 2-Nitrophenol	9.91	139	189764	53.703	ng		95
27) 2,4-Dimethylphenol	9.97	122	377217	44.197	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	539385	40.059	ng		98
29) 2,4-Dichlorophenol	10.45	162	395370	44.749	ng		99
30) 1,2,4-Trichlorobenzene	10.67	180	373733	38.177	ng		99
31) Naphthalene	10.85	128	1181904	38.998	ng		100
32) Benzoic acid	10.12	122	258275	49.339	ng		95
33) 4-Chloroaniline	10.95	127	303171	22.386	ng		98
34) Hexachlorobutadiene	11.15	225	204082	35.704	ng		98
35) Caprolactam	11.72	113	153365m	45.719	ng		
36) 4-Chloro-3-methylphenol	12.08	107	467456	46.453	ng		100
37) 2-Methylnaphthalene	12.46	142	856267	39.745	ng		99
38) 1-Methylnaphthalene	12.68	142	821333	40.396	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	373542	37.840	ng		99

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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	12.82	237	366536	62.576	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	293454	43.956	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	330611	43.798	ng		97
46) 1,1'-Biphenyl	13.46	154	1034457	39.268	ng		98
47) 2-Chloronaphthalene	13.50	162	802040	38.587	ng		98
48) 2-Nitroaniline	13.70	65	306329	52.250	ng		98
49) Acenaphthylene	14.35	152	1312439	39.136	ng		99
50) Dimethylphthalate	14.09	163	1033197	39.314	ng		99
51) 2,6-Dinitrotoluene	14.19	165	231178	49.099	ng		98
52) Acenaphthene	14.69	154	904524	42.762	ng		99
53) 3-Nitroaniline	14.52	138	216886	38.249	ng	#	87
54) 2,4-Dinitrophenol	14.73	184	158880	89.561	ng	#	86
55) Dibenzofuran	15.03	168	1223854	39.470	ng		99
56) 4-Nitrophenol	14.84	139	445564	104.063	ng		99
57) 2,4-Dinitrotoluene	14.98	165	311133	51.282	ng		90
58) Fluorene	15.67	166	1016347	39.956	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	278014m	47.703	ng		
60) Diethylphthalate	15.45	149	1080687	39.210	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	483240	38.187	ng		99
62) 4-Nitroaniline	15.69	138	273648	50.379	ng		94
63) Azobenzene	15.96	77	1223022	41.344	ng		100
65) 4,6-Dinitro-2-methylphenol	15.75	198	127316	48.595	ng		98
66) n-Nitrosodiphenylamine	15.88	169	924914	39.305	ng		96
67) 4-Bromophenyl-phenylether	16.56	248	320814	37.827	ng		98
68) Hexachlorobenzene	16.68	284	327864	38.524	ng		98
69) Atrazine	16.83	200	296845	42.666	ng		99
70) Pentachlorophenol	17.02	266	404420	85.468	ng		99
71) Phenanthrene	17.41	178	1580795	39.376	ng		97
72) Anthracene	17.50	178	1628825	39.979	ng		99
73) Carbazole	17.77	167	1559415	38.186	ng		100
74) Di-n-butylphthalate	18.34	149	1875928	38.014	ng		100
75) Fluoranthene	19.42	202	1820730	39.232	ng		99
77) Benzidine	19.60	184	1024370	56.413	ng		97
78) Pyrene	19.78	202	1793221	41.366	ng		99
80) Butylbenzylphthalate	20.68	149	863665	42.160	ng		96
81) Benzo(a)anthracene	21.61	228	1641931	39.320	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	501256	32.485	ng		99
83) Chrysene	21.67	228	1593784	40.063	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1208281	40.633	ng		99
85) Di-n-octyl phthalate	22.74	149	2054352	39.810	ng		100
87) Indeno(1,2,3-cd)pyrene	28.37	276	2039504	42.133	ng		99
88) Benzo(b)fluoranthene	23.79	252	1738854	41.398	ng		98
89) Benzo(k)fluoranthene	23.85	252	1706215	42.960	ng		99
90) Benzo(a)pyrene	24.64	252	1629100	41.246	ng		98
91) Dibenzo(a,h)anthracene	28.43	278	1636577	41.918	ng		99
92) Benzo(g,h,i)perylene	29.49	276	1647090	41.921	ng		99

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

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