Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071320\
Data File : BG046020.D
Acq On : 13 Jul 2020 13:15
Operator : CG/JU
Sample : PB130142BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130142BS

Manual Integrations APPROVED
mohammad
7/14/2020 12:01:29 PM

Quant Time: Jul 13 14:43:52 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	162086	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	647259	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	387815	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	805051	20.00	ng		0.00
76) Chrysene-d12	21.63	240	662340	20.00	ng		0.00
86) Perylene-d12	24.78	264	692110	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1415843	141.65	ng		0.00
7) Phenol-d6	7.18	99	1920643	133.47	ng		0.01
23) Nitrobenzene-d5	9.16	82	1162980	103.42	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	505431	140.42	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	2091167	84.11	ng		0.00
79) Terphenyl-d14	19.98	244	2656209	89.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	177809	38.560	ng		98
3) Pyridine	3.89	79	557783	40.004	ng		97
4) n-Nitrosodimethylamine	3.81	42	221855	47.055	ng	#	99
6) Aniline	7.33	93	656820	35.680	ng		98
8) 2-Chlorophenol	7.57	128	520723	48.397	ng		98
9) Benzaldehyde	7.14	77	192531	21.118	ng		98
10) Phenol	7.20	94	687715	47.643	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	505695	42.366	ng		98
12) 1,3-Dichlorobenzene	7.90	146	517877	41.758	ng		100
13) 1,4-Dichlorobenzene	8.04	146	511840	41.954	ng		100
14) 1,2-Dichlorobenzene	8.36	146	480207	40.898	ng		93
15) Benzyl Alcohol	8.24	79	496897	44.039	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	649610	41.712	ng		96
17) 2-Methylphenol	8.45	107	460588	42.524	ng		96
18) Hexachloroethane	9.09	117	196781	41.920	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	419690	41.516	ng		98
20) 3+4-Methylphenols	8.78	107	627889	42.535	ng		99
22) Acetophenone	8.82	105	708165	40.955	ng	#	96
24) Nitrobenzene	9.20	77	594980	47.936	ng		99
25) Isophorone	9.73	82	1096967	39.959	ng		98
26) 2-Nitrophenol	9.92	139	227185	56.156	ng		99
27) 2,4-Dimethylphenol	9.98	122	447228	45.768	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	646742	41.953	ng		99
29) 2,4-Dichlorophenol	10.46	162	473603	46.820	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	456060	40.691	ng		98
31) Naphthalene	10.86	128	1427705	41.146	ng		99
32) Benzoic acid	10.13	122	271778	45.874	ng		96
33) 4-Chloroaniline	10.96	127	358969	23.151	ng		99
34) Hexachlorobutadiene	11.16	225	256825	39.245	ng		98
35) Caprolactam	11.74	113	174613m	45.465	ng		
36) 4-Chloro-3-methylphenol	12.08	107	548518	47.610	ng		99
37) 2-Methylnaphthalene	12.46	142	1021082	41.397	ng		100
38) 1-Methylnaphthalene	12.68	142	970820	41.705	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	442728	40.498	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	495029	76.313	ng		95
43) 2,4,6-Trichlorophenol	13.06	196	345759	46.766	ng		99
44) 2,4,5-Trichlorophenol	13.14	196	371675	44.461	ng		100
46) 1,1'-Biphenyl	13.46	154	1221816	41.881	ng		99
47) 2-Chloronaphthalene	13.51	162	926047	40.231	ng		98
48) 2-Nitroaniline	13.70	65	345085	53.092	ng		99
49) Acenaphthylene	14.35	152	1522033	40.983	ng		99
50) Dimethylphthalate	14.09	163	1175469	40.388	ng		99
51) 2,6-Dinitrotoluene	14.20	165	255679	49.039	ng		96
52) Acenaphthene	14.69	154	1031882	44.050	ng		96
53) 3-Nitroaniline	14.53	138	253101	40.145	ng	#	89
54) 2,4-Dinitrophenol	14.73	184	180388	91.666	ng		88
55) Dibenzofuran	15.03	168	1392220	40.544	ng		99
56) 4-Nitrophenol	14.84	139	493771	104.133	ng		98
57) 2,4-Dinitrotoluene	14.99	165	343967	51.200	ng		98
58) Fluorene	15.68	166	1157540	41.092	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	312224m	48.375	ng		
60) Diethylphthalate	15.46	149	1229138	40.270	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	553501	39.496	ng		99
62) 4-Nitroaniline	15.69	138	307010	51.038	ng		97
63) Azobenzene	15.97	77	1385364	42.288	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	144439	51.526	ng		96
66) n-Nitrosodiphenylamine	15.88	169	1047299	41.981	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	357731	39.786	ng		99
68) Hexachlorobenzene	16.68	284	367432	40.724	ng		97
69) Atrazine	16.84	200	337073	45.700	ng		97
70) Pentachlorophenol	17.02	266	451867	90.077	ng		98
71) Phenanthrene	17.42	178	1744106	40.979	ng		98
72) Anthracene	17.51	178	1796661	41.597	ng		98
73) Carbazole	17.77	167	1714498	39.602	ng		99
74) Di-n-butylphthalate	18.35	149	2037739	38.950	ng		99
75) Fluoranthene	19.42	202	1971715	40.075	ng		98
77) Benzidine	19.60	184	1332869	70.381	ng		96
78) Pyrene	19.78	202	1944497	43.009	ng		98
80) Butylbenzylphthalate	20.68	149	955568	44.726	ng		98
81) Benzo(a)anthracene	21.61	228	1790140	41.104	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	555042	34.490	ng		99
83) Chrysene	21.68	228	1733227	41.775	ng		97
84) Bis(2-ethylhexyl)phthalate	21.55	149	1310475	42.255	ng		100
85) Di-n-octyl phthalate	22.75	149	2259722	41.987	ng		99
87) Indeno(1,2,3-cd)pyrene	28.38	276	2178703	43.029	ng		99
88) Benzo(b)fluoranthene	23.79	252	1909779	43.468	ng		99
89) Benzo(k)fluoranthene	23.86	252	1798840	43.300	ng		98
90) Benzo(a)pyrene	24.64	252	1760657	42.616	ng		98
91) Dibenzo(a,h)anthracene	28.44	278	1778510	43.550	ng		99
92) Benzo(g,h,i)perylene	29.49	276	1776105	43.217	ng		98

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

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