Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045584.D
Acq On : 3 Jun 2020 16:59
Operator : CG/JU
Sample : PB129260BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129260BSD

Manual Integrations APPROVED
mohammad
6/4/2020 12:11:21 PM

Quant Time: Jun 03 17:36:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59942	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	244665	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	177689	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	426779	20.00	ng		0.00
76) Chrysene-d12	21.61	240	390188	20.00	ng		0.00
87) Perylene-d12	24.76	264	433134	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	484126	157.84	ng		0.00
7) Phenol-d6	7.15	99	679218	155.59	ng		0.00
23) Nitrobenzene-d5	9.11	82	438912	97.83	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	339952	149.60	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	994970	94.98	ng		0.00
79) Terphenyl-d14	19.96	244	1742033	104.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	62994	41.417	ng		96
3) Pyridine	3.80	79	144717	34.163	ng		93
4) n-Nitrosodimethylamine	3.72	42	65504	47.256	ng		99
6) Aniline	7.28	93	183251	32.156	ng		98
8) 2-Chlorophenol	7.53	128	177042	52.635	ng		99
9) Benzaldehyde	7.08	77	114396	40.220	ng		95
10) Phenol	7.18	94	232906	51.765	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	164095	46.758	ng		97
12) 1,3-Dichlorobenzene	7.84	146	189271	46.825	ng		98
13) 1,4-Dichlorobenzene	7.99	146	191569	48.025	ng		98
14) 1,2-Dichlorobenzene	8.30	146	179524	46.793	ng		96
15) Benzyl Alcohol	8.20	79	182025	50.474	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	151818	45.574	ng		97
17) 2-Methylphenol	8.42	107	158434	47.046	ng		94
18) Hexachloroethane	9.04	117	72753	47.621	ng		88
19) n-Nitroso-di-n-propylamine	8.76	70	147956	49.011	ng		99
20) 3+4-Methylphenols	8.75	107	216580	47.227	ng		89
22) Acetophenone	8.77	105	269165	46.417	ng	#	98
24) Nitrobenzene	9.16	77	223292	46.452	ng		97
25) Isophorone	9.68	82	408763	46.261	ng		99
26) 2-Nitrophenol	9.87	139	101931	49.569	ng		92
27) 2,4-Dimethylphenol	9.95	122	167051	54.773	ng		95
28) bis(2-Chloroethoxy)methane	10.17	93	226516	48.883	ng		94
29) 2,4-Dichlorophenol	10.42	162	183504	50.951	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	201643	47.381	ng		98
31) Naphthalene	10.81	128	533365	46.781	ng		99
32) Benzoic acid	10.12	122	101849	48.871	ng		93
33) 4-Chloroaniline	10.92	127	85307	17.900	ng		96
34) Hexachlorobutadiene	11.10	225	137667	45.763	ng		96
35) Caprolactam	11.69	113	68054m	51.480	ng		
36) 4-Chloro-3-methylphenol	12.08	107	210212	51.797	ng		96
37) 2-Methylnaphthalene	12.42	142	404687	47.623	ng		96
38) 1-Methylnaphthalene	12.64	142	386964m	48.207	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	234128	47.174	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	289793	101.162	ng		98
43) 2,4,6-Trichlorophenol	13.04	196	164059	47.585	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	173937	44.148	ng		98
46) 1,1'-Biphenyl	13.43	154	530104	48.552	ng		99
47) 2-Chloronaphthalene	13.47	162	399046	45.009	ng		99
48) 2-Nitroaniline	13.68	65	136842	46.921	ng		91
49) Acenaphthylene	14.32	152	678496	47.644	ng		99
50) Dimethylphthalate	14.05	163	565893	46.425	ng		99
51) 2,6-Dinitrotoluene	14.17	165	129246	46.990	ng		98
52) Acenaphthene	14.66	154	396276	41.570	ng		98
53) 3-Nitroaniline	14.51	138	68235	24.404	ng		94
54) 2,4-Dinitrophenol	14.71	184	146365	81.149	ng		94
55) Dibenzofuran	15.00	168	657996	46.481	ng		98
56) 4-Nitrophenol	14.85	139	193926	91.610	ng		87
57) 2,4-Dinitrotoluene	14.97	165	187375	47.038	ng		98
58) Fluorene	15.65	166	546873	47.023	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	167410	48.298	ng		100
60) Diethylphthalate	15.42	149	595423	46.931	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	305197	45.859	ng		99
62) 4-Nitroaniline	15.68	138	129033	44.205	ng		95
63) Azobenzene	15.93	77	557307	47.110	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	118657	47.739	ng		96
66) n-Nitrosodiphenylamine	15.86	169	496153	48.420	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	211740	45.818	ng		99
68) Hexachlorobenzene	16.66	284	230725	47.734	ng		98
69) Atrazine	16.81	200	198689	47.076	ng		98
70) Pentachlorophenol	17.01	266	238277	94.940	ng		99
71) Phenanthrene	17.39	178	898526	48.227	ng		99
72) Anthracene	17.48	178	924254	49.399	ng		99
73) Carbazole	17.75	167	859111	47.106	ng		99
74) Di-n-butylphthalate	18.31	149	1038123	47.424	ng		99
75) Fluoranthene	19.40	202	1145871	48.353	ng		99
77) Benzidine	19.58	184	407477	37.183	ng		98
78) Pyrene	19.76	202	1124828	50.572	ng		99
80) Butylbenzylphthalate	20.65	149	454209	47.311	ng		99
81) Benzo(a)anthracene	21.59	228	1055029	48.538	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	257211	30.167	ng		97
83) Chrysene	21.66	228	1009881	48.319	ng		100
84) Bis(2-ethylhexyl)phthalate	21.50	149	629389	47.691	ng		99
85) Di-n-octyl phthalate	22.69	149	1069044	47.164	ng		100
86) Indeno(1,2,3-cd)pyrene	28.34	276	1294662	47.371	ng	#	96
88) Benzo(b)fluoranthene	23.77	252	1108483	47.719	ng		99
89) Benzo(k)fluoranthene	23.83	252	1089178	49.908	ng		99
90) Benzo(a)pyrene	24.61	252	1024248	47.344	ng		98
91) Dibenzo(a,h)anthracene	28.39	278	1059229	48.722	ng		99
92) Benzo(g,h,i)perylene	29.46	276	1081044	49.719	ng		97

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

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