Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043756.D
Acq On : 23 Nov 2019 15:06
Operator : JU
Sample : PB124977BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124977BS

Manual Integrations APPROVED
mohammad
11/25/2019 2:33:43 PM

Quant Time: Nov 25 02:46:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45217	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	260052	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	231530	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	590404	20.00	ng		0.00
76) Chrysene-d12	21.67	240	629095	20.00	ng		0.00
87) Perylene-d12	24.85	264	456178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	431941	171.74	ng		0.00
7) Phenol-d6	7.18	99	667233	182.49	ng		0.00
23) Nitrobenzene-d5	9.18	82	296900	62.77	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	346871	124.21	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	864291	61.36	ng		0.00
79) Terphenyl-d14	20.01	244	1875464	67.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	30774	27.595	ng		91
3) Pyridine	3.91	79	93640	29.821	ng		97
4) n-Nitrosodimethylamine	3.82	42	67838	43.490	ng		96
6) Aniline	7.35	93	181096	38.008	ng		99
8) 2-Chlorophenol	7.60	128	175840	61.297	ng		97
9) Benzaldehyde	7.16	77	70252	32.167	ng		92
10) Phenol	7.21	94	244931	65.256	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	151194	48.266	ng		96
12) 1,3-Dichlorobenzene	7.92	146	142233	42.119	ng		98
13) 1,4-Dichlorobenzene	8.07	146	147393	43.092	ng		99
14) 1,2-Dichlorobenzene	8.38	146	146614	45.302	ng		96
15) Benzyl Alcohol	8.26	79	183543	60.102	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	257908	47.874	ng		98
17) 2-Methylphenol	8.46	107	174957	65.197	ng		98
18) Hexachloroethane	9.12	117	53953	41.785	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	158221	55.029	ng		96
20) 3+4-Methylphenols	8.79	107	249489	66.641	ng		97
22) Acetophenone	8.85	105	265768	38.559	ng	#	96
24) Nitrobenzene	9.22	77	199572	41.050	ng		100
25) Isophorone	9.75	82	453001	44.667	ng		99
26) 2-Nitrophenol	9.93	139	82706	47.152	ng		99
27) 2,4-Dimethylphenol	10.00	122	201651	58.549	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	261730	41.872	ng		98
29) 2,4-Dichlorophenol	10.47	162	219843	52.506	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	189608	38.644	ng		98
31) Naphthalene	10.88	128	555112	43.031	ng		99
32) Benzoic acid	10.13	122	138754	55.865	ng		95
33) 4-Chloroaniline	10.98	127	169730	27.309	ng		96
34) Hexachlorobutadiene	11.18	225	111936	34.694	ng		98
35) Caprolactam	11.74	113	93823m	55.108	ng		
36) 4-Chloro-3-methylphenol	12.10	107	258827	55.006	ng		99
37) 2-Methylnaphthalene	12.48	142	465832	47.918	ng		98
38) 1-Methylnaphthalene	12.70	142	447566	48.510	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	255613	34.696	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	12.84	237	239737	60.230	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	205372	43.344	ng		98
44) 2,4,5-Trichlorophenol	13.15	196	225999	45.848	ng		97
46) 1,1'-Biphenyl	13.49	154	628382	39.154	ng		99
47) 2-Chloronaphthalene	13.53	162	501022	38.282	ng		98
48) 2-Nitroaniline	13.72	65	168130	43.880	ng		96
49) Acenaphthylene	14.38	152	864500	41.984	ng		99
50) Dimethylphthalate	14.11	163	740061	40.350	ng		99
51) 2,6-Dinitrotoluene	14.22	165	160953	47.255	ng		97
52) Acenaphthene	14.72	154	575339	43.691	ng		100
53) 3-Nitroaniline	14.54	138	128779	32.370	ng	#	98
54) 2,4-Dinitrophenol	14.75	184	137514	98.818	ng	#	60
55) Dibenzofuran	15.05	168	849504	41.410	ng		99
56) 4-Nitrophenol	14.85	139	322423	96.216	ng		97
57) 2,4-Dinitrotoluene	15.00	165	228013	48.271	ng		97
58) Fluorene	15.70	166	702549	41.760	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	222052m	44.851	ng		
60) Diethylphthalate	15.48	149	778331	40.880	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	381764	41.216	ng		98
62) 4-Nitroaniline	15.71	138	183901	40.313	ng		95
63) Azobenzene	15.99	77	724805	41.987	ng		99
65) 4,6-Dinitro-2-methylphenol	15.77	198	104120	48.058	ng		94
66) n-Nitrosodiphenylamine	15.91	169	672268	43.006	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	254080	40.809	ng		98
68) Hexachlorobenzene	16.71	284	276831	40.671	ng		98
69) Atrazine	16.86	200	285417	45.559	ng		97
70) Pentachlorophenol	17.05	266	387851	93.382	ng		98
71) Phenanthrene	17.44	178	1231521	42.156	ng		98
72) Anthracene	17.53	178	1259369	42.675	ng		97
73) Carbazole	17.80	167	1219886	41.918	ng		99
74) Di-n-butylphthalate	18.37	149	1461603	39.058	ng		98
75) Fluoranthene	19.45	202	1669794	39.846	ng		96
77) Benzidine	19.62	184	278243	15.141	ng		96
78) Pyrene	19.80	202	1706707	42.036	ng		98
80) Butylbenzylphthalate	20.71	149	776434	41.979	ng		97
81) Benzo(a)anthracene	21.64	228	1688514	40.148	ng		98
82) 3,3'-Dichlorobenzidine	21.56	252	473363	30.014	ng		98
83) Chrysene	21.71	228	1590261	39.960	ng		100
84) Bis(2-ethylhexyl)phthalate	21.58	149	991623	38.105	ng		97
85) Di-n-octyl phthalate	22.80	149	1449031	34.328	ng		99
86) Indeno(1,2,3-cd)pyrene	28.46	276	1611651	34.814	ng		98
88) Benzo(b)fluoranthene	23.84	252	1403349	51.524	ng		97
89) Benzo(k)fluoranthene	23.91	252	1310399	50.130	ng		100
90) Benzo(a)pyrene	24.70	252	1254884	48.998	ng		99
91) Dibenzo(a,h)anthracene	28.54	278	1336902	53.816	ng		97
92) Benzo(g,h,i)perylene	29.60	276	1348040	55.026	ng		99

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

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