Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
Data File : BG045203.D
Acq On : 29 Apr 2020 13:40
Operator : CG/JU
Sample : PB128519BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128519BSD

Manual Integrations APPROVED
mohammad
4/30/2020 1:37:41 PM

Quant Time: Apr 29 14:22:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	58205	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	240595	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	180490	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	468012	20.00	ng	0.00
76) Chrysene-d12	21.65	240	449070	20.00	ng	0.00
87) Perylene-d12	24.81	264	485098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	319128	90.52	ng	0.00
7) Phenol-d6	7.16	99	460756	87.96	ng	0.00
23) Nitrobenzene-d5	9.15	82	414407	78.59	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	250312	89.77	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1011928	82.21	ng	0.00
79) Terphenyl-d14	20.00	244	1903893	92.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	54683	34.901	ng	# 94
3) Pyridine	3.84	79	154117	31.947	ng	98
4) n-Nitrosodimethylamine	3.75	42	61862	41.860	ng	94
6) Aniline	7.31	93	166061	24.383	ng	97
8) 2-Chlorophenol	7.56	128	175365	46.282	ng	96
9) Benzaldehyde	7.12	77	62777	16.550	ng	89
10) Phenol	7.18	94	241938	46.157	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	164751	39.477	ng	97
12) 1,3-Dichlorobenzene	7.88	146	183683	41.140	ng	97
13) 1,4-Dichlorobenzene	8.02	146	184129	41.387	ng	99
14) 1,2-Dichlorobenzene	8.35	146	175428	41.216	ng	94
15) Benzyl Alcohol	8.23	79	172163	39.202	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	149950	36.603	ng	98
17) 2-Methylphenol	8.44	107	159680	39.484	ng	97
18) Hexachloroethane	9.08	117	71528	42.767	ng	99
19) n-Nitroso-di-n-propylamine	8.79	70	146454	39.535	ng	99
20) 3+4-Methylphenols	8.76	107	224578	39.673	ng	97
22) Acetophenone	8.81	105	262013	40.271	ng	96
24) Nitrobenzene	9.19	77	217592	40.258	ng	99
25) Isophorone	9.71	82	411338	38.094	ng	99
26) 2-Nitrophenol	9.90	139	102331	43.954	ng	94
27) 2,4-Dimethylphenol	9.97	122	166444	45.057	ng	99
28) bis(2-Chloroethoxy)methane	10.20	93	230202	40.575	ng	98
29) 2,4-Dichlorophenol	10.45	162	192986	45.243	ng	95
30) 1,2,4-Trichlorobenzene	10.66	180	203497	42.137	ng	95
31) Naphthalene	10.85	128	546655	41.534	ng	99
32) Benzoic acid	10.12	122	115699	39.996	ng	93
33) 4-Chloroaniline	10.95	127	92125	15.009	ng	97
34) Hexachlorobutadiene	11.14	225	136789	41.311	ng	98
35) Caprolactam	11.72	113	68337m	40.254	ng	
36) 4-Chloro-3-methylphenol	12.08	107	224367	44.776	ng	99
37) 2-Methylnaphthalene	12.46	142	426005	41.700	ng	93
38) 1-Methylnaphthalene	12.68	142	411465	42.664	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	235458	40.517	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	317718	87.474 ng	96
43) 2,4,6-Trichlorophenol	13.06	196	180107	43.914 ng	98
44) 2,4,5-Trichlorophenol	13.14	196	199133	42.655 ng	97
46) 1,1'-Biphenyl	13.46	154	556636	40.576 ng	98
47) 2-Chloronaphthalene	13.50	162	428512	40.879 ng	98
48) 2-Nitroaniline	13.70	65	145977	42.326 ng	97
49) Acenaphthylene	14.36	152	729783	42.742 ng	99
50) Dimethylphthalate	14.09	163	617969	42.049 ng	100
51) 2,6-Dinitrotoluene	14.20	165	144427	43.937 ng	97
52) Acenaphthene	14.70	154	560292m	48.500 ng	
53) 3-Nitroaniline	14.53	138	85736	23.781 ng	98
54) 2,4-Dinitrophenol	14.74	184	187045	95.693 ng	97
55) Dibenzofuran	15.03	168	724242	43.001 ng	96
56) 4-Nitrophenol	14.85	139	246270	88.100 ng	96
57) 2,4-Dinitrotoluene	14.99	165	206406	42.967 ng	96
58) Fluorene	15.68	166	618063	44.927 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.26	232	196450	47.293 ng	98
60) Diethylphthalate	15.45	149	658929	43.004 ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	332781	42.026 ng	99
62) 4-Nitroaniline	15.70	138	143077	38.263 ng	98
63) Azobenzene	15.97	77	619829	43.876 ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	138632	45.065 ng	93
66) n-Nitrosodiphenylamine	15.89	169	555613	41.319 ng	98
67) 4-Bromophenyl-phenylether	16.56	248	239814	39.719 ng	99
68) Hexachlorobenzene	16.69	284	262575	41.932 ng	97
69) Atrazine	16.83	200	233792	47.985 ng	98
70) Pentachlorophenol	17.03	266	329231	85.706 ng	98
71) Phenanthrene	17.42	178	1028739	42.775 ng	100
72) Anthracene	17.51	178	1059722	43.927 ng	99
73) Carbazole	17.78	167	975736	39.856 ng	99
74) Di-n-butylphthalate	18.34	149	1187064	44.472 ng	100
75) Fluoranthene	19.43	202	1308878	46.510 ng	98
77) Benzidine	19.61	184	461894	34.064 ng	97
78) Pyrene	19.79	202	1287037	41.572 ng	100
80) Butylbenzylphthalate	20.68	149	530394	41.331 ng	97
81) Benzo(a)anthracene	21.62	228	1225771	42.114 ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	345758	29.846 ng	99
83) Chrysene	21.69	228	1203832	43.047 ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	747912	42.375 ng	99
85) Di-n-octyl phthalate	22.74	149	1280309	41.949 ng	100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1580117	42.557 ng	99
88) Benzo(b)fluoranthene	23.81	252	1357292	44.668 ng	98
89) Benzo(k)fluoranthene	23.88	252	1303911	45.122 ng	98
90) Benzo(a)pyrene	24.67	252	1239741	43.212 ng	98
91) Dibenzo(a,h)anthracene	28.49	278	1290086	44.626 ng	97
92) Benzo(g,h,i)perylene	29.55	276	1276891	44.057 ng	99

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

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