Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
Data File : BG046501.D
Acq On : 2 Sep 2020 10:37
Operator : CG/JU
Sample : PB131340BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB131340BS

Manual Integrations APPROVED
mohammad
9/3/2020 1:47:37 PM

Quant Time: Sep 02 15:16:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	77591	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	305281	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	201841	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	482080	20.00	ng		0.00
76) Chrysene-d12	21.55	240	496513	20.00	ng		0.00
86) Perylene-d12	24.66	264	539495	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	496785	113.40	ng		0.00
7) Phenol-d6	7.11	99	639258	102.94	ng		0.00
23) Nitrobenzene-d5	9.09	82	410694	76.89	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	287577	105.15	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1036277	78.38	ng		0.00
79) Terphenyl-d14	19.92	244	1698598	72.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	57269	31.423	ng		99
3) Pyridine	3.81	79	141101	26.461	ng		96
4) n-Nitrosodimethylamine	3.72	42	82521	41.959	ng		95
6) Aniline	7.25	93	223633	32.001	ng		98
8) 2-Chlorophenol	7.50	128	205653	44.417	ng		99
9) Benzaldehyde	7.06	77	115569	33.216	ng		96
10) Phenol	7.14	94	248982	43.529	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	184348	40.096	ng		98
12) 1,3-Dichlorobenzene	7.82	146	224938	38.265	ng		98
13) 1,4-Dichlorobenzene	7.96	146	229975	39.078	ng		98
14) 1,2-Dichlorobenzene	8.28	146	220756	39.121	ng		97
15) Benzyl Alcohol	8.17	79	174262	43.707	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	284041	39.829	ng		98
17) 2-Methylphenol	8.38	107	175186	43.187	ng		99
18) Hexachloroethane	9.02	117	77580	38.880	ng		98
19) n-Nitroso-di-n-propylamine	8.73	70	149630	40.281	ng		97
20) 3+4-Methylphenols	8.70	107	239883	42.844	ng		99
22) Acetophenone	8.75	105	291321	39.203	ng	#	98
24) Nitrobenzene	9.13	77	215097	40.762	ng		98
25) Isophorone	9.65	82	409310	41.798	ng		98
26) 2-Nitrophenol	9.84	139	118587	42.594	ng		98
27) 2,4-Dimethylphenol	9.91	122	192146	50.178	ng		99
28) bis(2-Chloroethoxy)methane	10.13	93	249555	39.593	ng		100
29) 2,4-Dichlorophenol	10.38	162	220140	43.125	ng		97
30) 1,2,4-Trichlorobenzene	10.59	180	233866	38.613	ng		99
31) Naphthalene	10.78	128	597990	40.118	ng		99
32) Benzoic acid	10.06	122	85147	33.881	ng		97
33) 4-Chloroaniline	10.88	127	156903	23.872	ng		98
34) Hexachlorobutadiene	11.07	225	149644	38.060	ng		99
35) Caprolactam	11.65	113	75338m	39.482	ng		
36) 4-Chloro-3-methylphenol	12.02	107	212808	42.624	ng		95
37) 2-Methylnaphthalene	12.38	142	471401	40.099	ng		99
38) 1-Methylnaphthalene	12.61	142	450401	40.447	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	279319	41.965	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	348849	120.535 ng	98
43) 2,4,6-Trichlorophenol	13.00	196	191724	42.685 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	209272	44.345 ng	97
46) 1,1'-Biphenyl	13.39	154	610213	43.453 ng	99
47) 2-Chloronaphthalene	13.43	162	475216	39.912 ng	99
48) 2-Nitroaniline	13.63	65	134712	40.746 ng	100
49) Acenaphthylene	14.28	152	770689	42.671 ng	99
50) Dimethylphthalate	14.02	163	636070	40.733 ng	100
51) 2,6-Dinitrotoluene	14.13	165	147704	42.910 ng	99
52) Acenaphthene	14.63	154	459362	41.043 ng	100
53) 3-Nitroaniline	14.46	138	98812	26.501 ng	99
54) 2,4-Dinitrophenol	14.67	184	180974	90.071 ng	96
55) Dibenzofuran	14.96	168	745319	41.495 ng	99
56) 4-Nitrophenol	14.79	139	244738	89.187 ng	96
57) 2,4-Dinitrotoluene	14.93	165	211608	43.114 ng	98
58) Fluorene	15.61	166	620939	41.189 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	201361	43.939 ng	98
60) Diethylphthalate	15.38	149	630922	41.440 ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	339977	40.949 ng	97
62) 4-Nitroaniline	15.63	138	146678	37.283 ng	96
63) Azobenzene	15.90	77	530040	42.798 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	136544	50.042 ng	97
66) n-Nitrosodiphenylamine	15.82	169	568695	43.727 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	238592	42.422 ng	97
68) Hexachlorobenzene	16.62	284	251575	40.388 ng	96
69) Atrazine	16.77	200	213467	40.234 ng	99
70) Pentachlorophenol	16.97	266	310657	95.457 ng	99
71) Phenanthrene	17.35	178	1024229	41.916 ng	99
72) Anthracene	17.44	178	1055206	43.769 ng	99
73) Carbazole	17.71	167	984169	43.237 ng	100
74) Di-n-butylphthalate	18.27	149	1115671	42.625 ng	99
75) Fluoranthene	19.36	202	1342116	42.681 ng	100
77) Benzidine	19.53	184	524134	45.429 ng	98
78) Pyrene	19.71	202	1342570	42.463 ng	99
80) Butylbenzylphthalate	20.61	149	524097	42.497 ng	97
81) Benzo(a)anthracene	21.54	228	1310073	42.332 ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	349046	30.392 ng	99
83) Chrysene	21.60	228	1260308	42.336 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	735235	43.686 ng	98
85) Di-n-octyl phthalate	22.62	149	1288289	44.705 ng	100
87) Indeno(1,2,3-cd)pyrene	28.18	276	1600187	41.298 ng	100
88) Benzo(b)fluoranthene	23.68	252	1376390	40.859 ng	98
89) Benzo(k)fluoranthene	23.74	252	1322055	40.608 ng	99
90) Benzo(a)pyrene	24.51	252	1269979	40.397 ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1300097	41.579 ng	98
92) Benzo(g,h,i)perylene	29.26	276	1346405	43.121 ng	98

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

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