Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
Data File : BG046584.D
Acq On : 10 Sep 2020 16:30
Operator : CG/JU
Sample : PB131517BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB131517BS

Manual Integrations APPROVED
mohammad
9/11/2020 11:47:50 AM

Quant Time: Sep 10 17:21:04 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	75547	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	300987	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	205086	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	474239	20.00	ng	0.00
76) Chrysene-d12	21.55	240	467273	20.00	ng	0.00
86) Perylene-d12	24.65	264	484841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	452591	106.11	ng	0.00
7) Phenol-d6	7.11	99	580990	96.09	ng	0.00
23) Nitrobenzene-d5	9.09	82	373588	70.94	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	265002	95.37	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	980963	73.02	ng	0.00
79) Terphenyl-d14	19.91	244	1501334	68.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	52884	29.802	ng	96
3) Pyridine	3.81	79	160646	30.941	ng	98
4) n-Nitrosodimethylamine	3.72	42	78827	41.165	ng	97
6) Aniline	7.25	93	247874	36.430	ng	99
8) 2-Chlorophenol	7.50	128	200290	44.429	ng	97
9) Benzaldehyde	7.07	77	104787	30.932	ng	97
10) Phenol	7.13	94	243279	43.683	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	180211	40.257	ng	100
12) 1,3-Dichlorobenzene	7.82	146	221983	38.784	ng	98
13) 1,4-Dichlorobenzene	7.96	146	224296	39.144	ng	98
14) 1,2-Dichlorobenzene	8.28	146	217366	39.563	ng	99
15) Benzyl Alcohol	8.16	79	168255	43.342	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	274447	39.525	ng	98
17) 2-Methylphenol	8.38	107	171737	43.482	ng	99
18) Hexachloroethane	9.01	117	75685	38.956	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	147487	40.778	ng	98
20) 3+4-Methylphenols	8.70	107	236297	43.345	ng	98
22) Acetophenone	8.75	105	283645	38.714	ng	99
24) Nitrobenzene	9.13	77	211531	40.658	ng	98
25) Isophorone	9.65	82	400338	41.465	ng	99
26) 2-Nitrophenol	9.84	139	116800	42.551	ng	98
27) 2,4-Dimethylphenol	9.90	122	190255	50.393	ng	99
28) bis(2-Chloroethoxy)methane	10.13	93	248427	39.977	ng	99
29) 2,4-Dichlorophenol	10.38	162	216727	43.062	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	229664	38.460	ng	100
31) Naphthalene	10.77	128	594234	40.435	ng	99
32) Benzoic acid	10.06	122	79227	32.471	ng	95
33) 4-Chloroaniline	10.88	127	188818	29.137	ng	97
34) Hexachlorobutadiene	11.07	225	148210	38.233	ng	99
35) Caprolactam	11.65	113	69673m	37.034	ng	
36) 4-Chloro-3-methylphenol	12.01	107	211612	42.989	ng	96
37) 2-Methylnaphthalene	12.38	142	475363	41.013	ng	99
38) 1-Methylnaphthalene	12.60	142	435302	39.649	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	278428	41.169	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
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	318521	108.315 ng	98
43) 2,4,6-Trichlorophenol	12.99	196	189498	41.521 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	202706	42.274 ng	98
46) 1,1'-Biphenyl	13.39	154	610093	42.757 ng	100
47) 2-Chloronaphthalene	13.43	162	479498	39.635 ng	100
48) 2-Nitroaniline	13.63	65	132317	39.388 ng	98
49) Acenaphthylene	14.28	152	755914	41.191 ng	99
50) Dimethylphthalate	14.02	163	624932	39.387 ng	99
51) 2,6-Dinitrotoluene	14.13	165	145628	41.638 ng	97
52) Acenaphthene	14.62	154	457630	40.241 ng	99
53) 3-Nitroaniline	14.46	138	114272	30.163 ng	97
54) 2,4-Dinitrophenol	14.67	184	159864	78.306 ng	97
55) Dibenzofuran	14.96	168	748265	41.000 ng	99
56) 4-Nitrophenol	14.79	139	222392	79.762 ng	97
57) 2,4-Dinitrotoluene	14.92	165	201624	40.429 ng	97
58) Fluorene	15.61	166	621139	40.551 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	192368	41.313 ng	98
60) Diethylphthalate	15.38	149	619274	40.031 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	338295	40.101 ng	97
62) 4-Nitroaniline	15.63	138	142598	35.672 ng	98
63) Azobenzene	15.89	77	517619	41.134 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	124700	46.457 ng	97
66) n-Nitrosodiphenylamine	15.81	169	561318	43.874 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	235053	42.483 ng	96
68) Hexachlorobenzene	16.62	284	246802	40.277 ng	98
69) Atrazine	16.77	200	171474	32.854 ng	99
70) Pentachlorophenol	16.96	266	263532	82.315 ng	99
71) Phenanthrene	17.35	178	996639	41.461 ng	100
72) Anthracene	17.44	178	1027950	43.343 ng	99
73) Carbazole	17.71	167	934529	41.735 ng	100
74) Di-n-butylphthalate	18.27	149	1062641	41.270 ng	100
75) Fluoranthene	19.36	202	1261771	40.789 ng	99
77) Benzidine	19.53	184	532158	49.011 ng	99
78) Pyrene	19.71	202	1249081	41.978 ng	99
80) Butylbenzylphthalate	20.60	149	483970	41.699 ng	94
81) Benzo(a)anthracene	21.53	228	1223064	41.994 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	383769	35.506 ng	99
83) Chrysene	21.60	228	1179050	42.085 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	687210	43.388 ng	99
85) Di-n-octyl phthalate	22.62	149	1192181	43.959 ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1489369	42.770 ng	100
88) Benzo(b)fluoranthene	23.67	252	1302460	43.022 ng	99
89) Benzo(k)fluoranthene	23.73	252	1242102	42.453 ng	98
90) Benzo(a)pyrene	24.50	252	1180207	41.774 ng	100
91) Dibenzo(a,h)anthracene	28.22	278	1222495	43.504 ng	99
92) Benzo(g,h,i)perylene	29.26	276	1248920	44.508 ng	98

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

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