Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044521.D
Acq On : 20 Feb 2020 15:19
Operator : CG/JU
Sample : PB126886BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126886BSD

Manual Integrations APPROVED
mohammad
2/21/2020 2:17:49 PM

Quant Time: Feb 21 07:05:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	66106	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	272106	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	182818	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	415346	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	384075	20.00	ng	-0.02
87) Perylene-d12	24.59	264	397814	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	488357	130.38	ng	-0.02
7) Phenol-d6	7.06	99	654181	130.06	ng	-0.02
23) Nitrobenzene-d5	9.04	82	336798	69.88	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	275845	128.53	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	800753	73.35	ng	-0.02
79) Terphenyl-d14	19.89	244	1293594	69.28	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	78135	46.428	ng	99
3) Pyridine	3.73	79	151416	33.770	ng	99
4) n-Nitrosodimethylamine	3.65	42	75213	40.143	ng	97
6) Aniline	7.20	93	208798	33.443	ng	99
8) 2-Chlorophenol	7.45	128	196508	47.735	ng	99
9) Benzaldehyde	7.01	77	79620	27.793	ng	98
10) Phenol	7.08	94	241098	48.433	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	177081	41.609	ng	97
12) 1,3-Dichlorobenzene	7.77	146	200914	40.877	ng	97
13) 1,4-Dichlorobenzene	7.92	146	200574	41.202	ng	99
14) 1,2-Dichlorobenzene	8.24	146	193907	42.141	ng	97
15) Benzyl Alcohol	8.12	79	159668	44.837	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.42	45	227496	39.495	ng	99
17) 2-Methylphenol	8.33	107	171054	48.162	ng	99
18) Hexachloroethane	8.96	117	73323	40.138	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	138165	41.216	ng	97
20) 3+4-Methylphenols	8.66	107	232725	47.546	ng	100
22) Acetophenone	8.70	105	264180	39.909	ng	99
24) Nitrobenzene	9.08	77	197651	42.006	ng	100
25) Isophorone	9.60	82	383114	42.647	ng	100
26) 2-Nitrophenol	9.79	139	112406	46.039	ng	98
27) 2,4-Dimethylphenol	9.86	122	191735	55.633	ng	100
28) bis(2-Chloroethoxy)methane	10.09	93	243034	40.554	ng	98
29) 2,4-Dichlorophenol	10.34	162	198328	47.591	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	199173	41.681	ng	99
31) Naphthalene	10.73	128	575182	43.569	ng	100
32) Benzoic acid	10.03	122	61740	33.338	ng	95
33) 4-Chloroaniline	10.84	127	160788	26.779	ng	99
34) Hexachlorobutadiene	11.03	225	116647	39.671	ng	98
35) Caprolactam	11.61	113	71261m	46.680	ng	
36) 4-Chloro-3-methylphenol	11.98	107	206685	47.304	ng	99
37) 2-Methylnaphthalene	12.34	142	432762	44.150	ng	99
38) 1-Methylnaphthalene	12.57	142	406950	44.037	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	218576	39.969	ng	100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	201698	76.866 ng	99
43) 2,4,6-Trichlorophenol	12.96	196	157674	44.606 ng	99
44) 2,4,5-Trichlorophenol	13.04	196	169506	46.949 ng	98
46) 1,1'-Biphenyl	13.35	154	548175	41.570 ng	99
47) 2-Chloronaphthalene	13.39	162	432731	41.238 ng	99
48) 2-Nitroaniline	13.60	65	126381	40.810 ng	96
49) Acenaphthylene	14.25	152	687838	44.691 ng	98
50) Dimethylphthalate	13.98	163	553992	42.156 ng	99
51) 2,6-Dinitrotoluene	14.09	165	128288	43.783 ng	97
52) Acenaphthene	14.59	154	417833	41.884 ng	99
53) 3-Nitroaniline	14.43	138	93589	28.870 ng	93
54) 2,4-Dinitrophenol	14.64	184	144199	82.763 ng	97
55) Dibenzofuran	14.92	168	658880	43.622 ng	99
56) 4-Nitrophenol	14.75	139	229974	96.848 ng	97
57) 2,4-Dinitrotoluene	14.89	165	180736	44.009 ng	98
58) Fluorene	15.57	166	527328	44.326 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	153585	47.095 ng	96
60) Diethylphthalate	15.34	149	552539	42.196 ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	275874	42.769 ng	98
62) 4-Nitroaniline	15.59	138	129450	39.963 ng	97
63) Azobenzene	15.86	77	489295	42.635 ng	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	111718	48.728 ng	96
66) n-Nitrosodiphenylamine	15.78	169	494334	42.469 ng	98
67) 4-Bromophenyl-phenylether	16.46	248	185587	41.012 ng	97
68) Hexachlorobenzene	16.58	284	206992	40.829 ng	98
69) Atrazine	16.73	200	194166	48.668 ng	99
70) Pentachlorophenol	16.93	266	216416	84.243 ng	99
71) Phenanthrene	17.31	178	865801	43.048 ng	99
72) Anthracene	17.40	178	885451	44.530 ng	98
73) Carbazole	17.67	167	808122	44.085 ng	99
74) Di-n-butylphthalate	18.24	149	984034	43.440 ng	99
75) Fluoranthene	19.32	202	1049693	45.116 ng	99
77) Benzidine	19.50	184	378222	35.503 ng	98
78) Pyrene	19.68	202	1057663	42.880 ng	98
80) Butylbenzylphthalate	20.57	149	456998	40.657 ng	99
81) Benzo(a)anthracene	21.50	228	1014109	42.842 ng	98
82) 3,3'-Dichlorobenzidine	21.41	252	314562	34.240 ng	99
83) Chrysene	21.56	228	972397	42.500 ng	98
84) Bis(2-ethylhexyl)phthalate	21.41	149	638463	41.267 ng	100
85) Di-n-octyl phthalate	22.57	149	1142902	42.695 ng	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1319395	44.200 ng	99
88) Benzo(b)fluoranthene	23.62	252	1081666	47.186 ng	99
89) Benzo(k)fluoranthene	23.68	252	1056640	47.294 ng	99
90) Benzo(a)pyrene	24.44	252	997735	46.034 ng	99
91) Dibenzo(a,h)anthracene	28.13	278	1094035	51.004 ng	98
92) Benzo(g,h,i)perylene	29.16	276	1128171	52.539 ng	99

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

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