Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044358.D
Acq On : 10 Feb 2020 16:03
Operator : CG/JU
Sample : PB126601BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126601BSD

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:34 AM

Quant Time: Feb 10 17:12:44 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	7.90	152	64425	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	284227	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	195303	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	478365	20.00	ng	0.00
76) Chrysene-d12	21.53	240	463063	20.00	ng	0.00
87) Perylene-d12	24.62	264	518046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	458485	125.60	ng	0.00
7) Phenol-d6	7.08	99	616603	125.79	ng	0.00
23) Nitrobenzene-d5	9.06	82	325249	64.60	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	280870	122.50	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	783136	67.15	ng	0.00
79) Terphenyl-d14	19.90	244	1448896	64.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	55050	33.564	ng	98
3) Pyridine	3.75	79	134771	30.842	ng	99
4) n-Nitrosodimethylamine	3.67	42	68243	37.374	ng	98
6) Aniline	7.22	93	217917	35.814	ng	98
8) 2-Chlorophenol	7.47	128	186353	46.449	ng	97
9) Benzaldehyde	7.04	77	81977	29.363	ng	98
10) Phenol	7.10	94	227276	46.848	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	168080	40.525	ng	98
12) 1,3-Dichlorobenzene	7.79	146	185722	38.772	ng	97
13) 1,4-Dichlorobenzene	7.94	146	186623	39.336	ng	99
14) 1,2-Dichlorobenzene	8.26	146	179210	39.964	ng	98
15) Benzyl Alcohol	8.14	79	149418	43.054	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	214568	38.222	ng	99
17) 2-Methylphenol	8.35	107	159368	46.042	ng	97
18) Hexachloroethane	8.99	117	68462	38.455	ng	97
19) n-Nitroso-di-n-propylamine	8.71	70	132242	40.478	ng	97
20) 3+4-Methylphenols	8.68	107	219373	45.987	ng	98
22) Acetophenone	8.72	105	252373	36.500	ng	99
24) Nitrobenzene	9.10	77	189847	38.627	ng	98
25) Isophorone	9.63	82	371471	39.587	ng	99
26) 2-Nitrophenol	9.82	139	104471	40.965	ng	99
27) 2,4-Dimethylphenol	9.88	122	178821	49.673	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	234120	37.401	ng	100
29) 2,4-Dichlorophenol	10.36	162	188261	43.249	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	185771	37.219	ng	99
31) Naphthalene	10.75	128	550553	39.925	ng	99
32) Benzoic acid	10.03	122	56886	31.078	ng	99
33) 4-Chloroaniline	10.86	127	137898	21.987	ng	98
34) Hexachlorobutadiene	11.05	225	107582	35.028	ng	97
35) Caprolactam	11.63	113	71497m	44.838	ng	
36) 4-Chloro-3-methylphenol	12.00	107	200473	43.926	ng	97
37) 2-Methylnaphthalene	12.37	142	416814	40.710	ng	99
38) 1-Methylnaphthalene	12.58	142	398194	41.251	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	208129	35.625	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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	12.72	237	253182	90.318 ng	100
43) 2,4,6-Trichlorophenol	12.98	196	151155	40.028 ng	97
44) 2,4,5-Trichlorophenol	13.05	196	163992	42.518 ng	99
46) 1,1'-Biphenyl	13.38	154	536239	38.065 ng	98
47) 2-Chloronaphthalene	13.42	162	420272	37.491 ng	99
48) 2-Nitroaniline	13.62	65	125647	37.979 ng	98
49) Acenaphthylene	14.26	152	680630	41.395 ng	99
50) Dimethylphthalate	14.00	163	566567	40.357 ng	99
51) 2,6-Dinitrotoluene	14.11	165	126540	40.425 ng	97
52) Acenaphthene	14.60	154	416735	39.103 ng	98
53) 3-Nitroaniline	14.44	138	93646	27.041 ng	100
54) 2,4-Dinitrophenol	14.65	184	151277	81.412 ng	98
55) Dibenzofuran	14.94	168	659258	40.857 ng	99
56) 4-Nitrophenol	14.76	139	254004	100.130 ng	98
57) 2,4-Dinitrotoluene	14.90	165	186582	42.528 ng	96
58) Fluorene	15.59	166	531335	41.808 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	155274	44.569 ng	98
60) Diethylphthalate	15.37	149	583228	41.693 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	275662	40.004 ng	100
62) 4-Nitroaniline	15.61	138	139492	40.310 ng	98
63) Azobenzene	15.88	77	507779	41.417 ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	117607	44.539 ng	99
66) n-Nitrosodiphenylamine	15.80	169	507249	37.838 ng	98
67) 4-Bromophenyl-phenylether	16.48	248	190926	36.634 ng	98
68) Hexachlorobenzene	16.60	284	209855	35.941 ng	98
69) Atrazine	16.75	200	210340	45.777 ng	99
70) Pentachlorophenol	16.94	266	233698	79.182 ng	98
71) Phenanthrene	17.33	178	914931	39.498 ng	98
72) Anthracene	17.42	178	941646	41.117 ng	99
73) Carbazole	17.69	167	882117	41.782 ng	100
74) Di-n-butylphthalate	18.25	149	1102137	42.244 ng	99
75) Fluoranthene	19.34	202	1159770	43.281 ng	100
77) Benzidine	19.52	184	591229	46.031 ng	99
78) Pyrene	19.70	202	1163532	39.126 ng	98
80) Butylbenzylphthalate	20.59	149	501788	37.027 ng	98
81) Benzo(a)anthracene	21.51	228	1103592	38.670 ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	315699	28.502 ng	99
83) Chrysene	21.58	228	1070430	38.804 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	709954	38.061 ng	99
85) Di-n-octyl phthalate	22.60	149	1235232	38.273 ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1356138	37.681 ng	99
88) Benzo(b)fluoranthene	23.64	252	1186535	39.748 ng	99
89) Benzo(k)fluoranthene	23.71	252	1145815	39.383 ng	99
90) Benzo(a)pyrene	24.48	252	1087264	38.522 ng	99
91) Dibenzo(a,h)anthracene	28.17	278	1124096	40.243 ng	98
92) Benzo(g,h,i)perylene	29.20	276	1137563	40.682 ng	98

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

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