Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
Data File : BG044407.D
Acq On : 12 Feb 2020 13:45
Operator : CG/JU
Sample : PB126762BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126762BS

Manual Integrations APPROVED
mohammad
2/13/2020 3:33:53 PM

Quant Time: Feb 13 01:13:13 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	73177	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	308932	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	210752	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	508739	20.00	ng	0.00
76) Chrysene-d12	21.53	240	460700	20.00	ng	0.00
87) Perylene-d12	24.61	264	412615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	494490	119.26	ng	0.00
7) Phenol-d6	7.07	99	653208	117.32	ng	0.00
23) Nitrobenzene-d5	9.05	82	347752	63.55	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	291626	117.87	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	821002	65.23	ng	0.00
79) Terphenyl-d14	19.90	244	1437914	64.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	62391	33.491	ng	98
3) Pyridine	3.75	79	141232	28.455	ng	97
4) n-Nitrosodimethylamine	3.67	42	73871	35.617	ng	98
6) Aniline	7.22	93	183382	26.534	ng	99
8) 2-Chlorophenol	7.47	128	193377	42.435	ng	99
9) Benzaldehyde	7.03	77	40532	12.782	ng	98
10) Phenol	7.10	94	235841	42.799	ng	100
11) bis(2-Chloroethyl)ether	7.32	93	178693	37.931	ng	97
12) 1,3-Dichlorobenzene	7.79	146	195535	35.938	ng	98
13) 1,4-Dichlorobenzene	7.94	146	196468	36.458	ng	99
14) 1,2-Dichlorobenzene	8.26	146	190387	37.378	ng	100
15) Benzyl Alcohol	8.14	79	157255	39.892	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	234106	36.715	ng	100
17) 2-Methylphenol	8.35	107	163727	41.644	ng	99
18) Hexachloroethane	8.98	117	73229	36.213	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	137245	36.985	ng	98
20) 3+4-Methylphenols	8.68	107	226322	41.770	ng	99
22) Acetophenone	8.72	105	265784	35.365	ng	97
24) Nitrobenzene	9.10	77	200049	37.448	ng	98
25) Isophorone	9.62	82	378147	37.076	ng	99
26) 2-Nitrophenol	9.81	139	108675	39.205	ng	98
27) 2,4-Dimethylphenol	9.88	122	182886	46.739	ng	100
28) bis(2-Chloroethoxy)methane	10.11	93	245133	36.029	ng	100
29) 2,4-Dichlorophenol	10.35	162	192717	40.732	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	195514	36.038	ng	99
31) Naphthalene	10.75	128	574783	38.348	ng	99
32) Benzoic acid	10.04	122	61175	30.899	ng	92
33) 4-Chloroaniline	10.86	127	144993	21.270	ng	99
34) Hexachlorobutadiene	11.05	225	115138	34.490	ng	99
35) Caprolactam	11.62	113	74519m	42.996	ng	
36) 4-Chloro-3-methylphenol	11.99	107	205106	41.347	ng	99
37) 2-Methylnaphthalene	12.36	142	433400	38.945	ng	100
38) 1-Methylnaphthalene	12.58	142	410125	39.090	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	214096	33.960	ng	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	166020	54.883 ng	99
43) 2,4,6-Trichlorophenol	12.97	196	155425	38.142 ng	95
44) 2,4,5-Trichlorophenol	13.05	196	172049	41.337 ng	98
46) 1,1'-Biphenyl	13.37	154	554906	36.503 ng	98
47) 2-Chloronaphthalene	13.41	162	432503	35.753 ng	99
48) 2-Nitroaniline	13.61	65	132496	37.114 ng	98
49) Acenaphthylene	14.26	152	694499	39.143 ng	100
50) Dimethylphthalate	14.00	163	581614	38.392 ng	99
51) 2,6-Dinitrotoluene	14.11	165	132434	39.207 ng	98
52) Acenaphthene	14.61	154	424630	36.923 ng	99
53) 3-Nitroaniline	14.44	138	103567	27.714 ng	97
54) 2,4-Dinitrophenol	14.65	184	141832	71.734 ng	97
55) Dibenzofuran	14.94	168	682694	39.208 ng	99
56) 4-Nitrophenol	14.77	139	254294	92.896 ng	98
57) 2,4-Dinitrotoluene	14.90	165	191770	40.507 ng	98
58) Fluorene	15.59	166	549475	40.066 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	163401	43.464 ng	99
60) Diethylphthalate	15.36	149	598261	39.632 ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	282205	37.951 ng	99
62) 4-Nitroaniline	15.61	138	143765	38.500 ng	96
63) Azobenzene	15.88	77	531641	40.185 ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	114907	40.918 ng	100
66) n-Nitrosodiphenylamine	15.80	169	518626	36.377 ng	100
67) 4-Bromophenyl-phenylether	16.47	248	194164	35.031 ng	97
68) Hexachlorobenzene	16.60	284	215632	34.725 ng	98
69) Atrazine	16.75	200	197356	40.387 ng	100
70) Pentachlorophenol	16.94	266	230636	73.706 ng	98
71) Phenanthrene	17.33	178	939470	38.136 ng	99
72) Anthracene	17.42	178	948363	38.938 ng	98
73) Carbazole	17.69	167	883859	39.365 ng	99
74) Di-n-butylphthalate	18.26	149	1087157	39.182 ng	98
75) Fluoranthene	19.34	202	1136097	39.866 ng	100
77) Benzidine	19.52	184	272294	21.308 ng	99
78) Pyrene	19.70	202	1147106	38.772 ng	99
80) Butylbenzylphthalate	20.59	149	490794	36.402 ng	97
81) Benzo(a)anthracene	21.51	228	1085846	38.243 ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	335817	30.474 ng	99
83) Chrysene	21.57	228	1039485	37.875 ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	695243	37.463 ng	99
85) Di-n-octyl phthalate	22.60	149	1213444	37.791 ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1313862	36.694 ng	100
88) Benzo(b)fluoranthene	23.64	252	1145394	48.174 ng	99
89) Benzo(k)fluoranthene	23.71	252	1123145	48.467 ng	99
90) Benzo(a)pyrene	24.47	252	1045757	46.519 ng	100
91) Dibenzo(a,h)anthracene	28.17	278	1097549	49.332 ng	98
92) Benzo(g,h,i)perylene	29.20	276	1115529	50.087 ng	99

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

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