Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044487.D
Acq On : 19 Feb 2020 12:49
Operator : CG/JU
Sample : PB126850BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126850BS

Manual Integrations APPROVED
mohammad
2/20/2020 3:11:33 PM

Quant Time: Feb 20 07:31:41 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	7.89	152	59016	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	239349	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	155940	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	351230	20.00	ng	0.00
76) Chrysene-d12	21.52	240	327037	20.00	ng	-0.02
87) Perylene-d12	24.61	264	369515	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	375749	112.37	ng	0.00
7) Phenol-d6	7.07	99	502987	112.01	ng	0.00
23) Nitrobenzene-d5	9.05	82	260040	61.34	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	197332	107.79	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	619721	66.55	ng	0.00
79) Terphenyl-d14	19.89	244	1005958	63.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	53821	35.823	ng	99
3) Pyridine	3.74	79	125946	31.464	ng	95
4) n-Nitrosodimethylamine	3.65	42	59004	35.275	ng	99
6) Aniline	7.21	93	149618	26.843	ng	98
8) 2-Chlorophenol	7.46	128	145879	39.694	ng	97
9) Benzaldehyde	7.02	77	67877	26.541	ng	98
10) Phenol	7.10	94	181280	40.791	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	135585	35.686	ng	98
12) 1,3-Dichlorobenzene	7.78	146	156422	35.648	ng	97
13) 1,4-Dichlorobenzene	7.93	146	159840	36.779	ng	99
14) 1,2-Dichlorobenzene	8.25	146	149942	36.501	ng	97
15) Benzyl Alcohol	8.13	79	117590	36.988	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.42	45	174538	33.941	ng	99
17) 2-Methylphenol	8.34	107	125558	39.599	ng	96
18) Hexachloroethane	8.98	117	57029	34.969	ng	95
19) n-Nitroso-di-n-propylamine	8.69	70	104510	34.922	ng	97
20) 3+4-Methylphenols	8.67	107	171328	39.207	ng	98
22) Acetophenone	8.71	105	201489	34.605	ng	99
24) Nitrobenzene	9.09	77	149517	36.125	ng	99
25) Isophorone	9.61	82	291547	36.895	ng	100
26) 2-Nitrophenol	9.80	139	83197	38.740	ng	99
27) 2,4-Dimethylphenol	9.87	122	139679	46.075	ng	100
28) bis(2-Chloroethoxy)methane	10.10	93	182484	34.618	ng	98
29) 2,4-Dichlorophenol	10.35	162	144302	39.366	ng	98
30) 1,2,4-Trichlorobenzene	10.56	180	148333	35.290	ng	99
31) Naphthalene	10.74	128	438786	37.786	ng	99
32) Benzoic acid	10.02	122	39473	28.103	ng	91
33) 4-Chloroaniline	10.85	127	118650	22.466	ng	99
34) Hexachlorobutadiene	11.03	225	87006	33.640	ng	98
35) Caprolactam	11.61	113	52963m	39.442	ng	
36) 4-Chloro-3-methylphenol	11.99	107	149917	39.008	ng	100
37) 2-Methylnaphthalene	12.36	142	326358	37.852	ng	98
38) 1-Methylnaphthalene	12.57	142	307825	37.869	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	160914	34.496	ng	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	165540	73.960	ng	98
43) 2,4,6-Trichlorophenol	12.97	196	111545	36.995	ng	100
44) 2,4,5-Trichlorophenol	13.04	196	123117	39.978	ng	98
46) 1,1'-Biphenyl	13.37	154	413331	36.747	ng	98
47) 2-Chloronaphthalene	13.41	162	320298	35.785	ng	99
48) 2-Nitroaniline	13.61	65	90786	34.369	ng	95
49) Acenaphthylene	14.25	152	518340	39.483	ng	99
50) Dimethylphthalate	13.99	163	411723	36.730	ng	99
51) 2,6-Dinitrotoluene	14.10	165	93565	37.436	ng	98
52) Acenaphthene	14.59	154	313502	36.842	ng	99
53) 3-Nitroaniline	14.43	138	65150	23.561	ng	99
54) 2,4-Dinitrophenol	14.65	184	96939	66.843	ng	97
55) Dibenzofuran	14.93	168	493771	38.326	ng	97
56) 4-Nitrophenol	14.76	139	167898	82.893	ng	97
57) 2,4-Dinitrotoluene	14.89	165	130736	37.321	ng	99
58) Fluorene	15.58	166	394270	38.854	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	106602	38.322	ng	98
60) Diethylphthalate	15.35	149	415347	37.186	ng	98
61) 4-Chlorophenyl-phenylether	15.58	204	203344	36.958	ng	98
62) 4-Nitroaniline	15.60	138	92451	33.460	ng	97
63) Azobenzene	15.87	77	364783	37.264	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	77323	39.882	ng	99
66) n-Nitrosodiphenylamine	15.79	169	362012	36.779	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	133288	34.832	ng	97
68) Hexachlorobenzene	16.59	284	150068	35.005	ng	98
69) Atrazine	16.74	200	141436	41.923	ng	97
70) Pentachlorophenol	16.94	266	148553	68.974	ng	97
71) Phenanthrene	17.32	178	655439	38.538	ng	98
72) Anthracene	17.41	178	674769	40.129	ng	97
73) Carbazole	17.68	167	606580	39.131	ng	99
74) Di-n-butylphthalate	18.24	149	753715	39.346	ng	98
75) Fluoranthene	19.33	202	791104	40.209	ng	98
77) Benzidine	19.51	184	309776	34.149	ng	97
78) Pyrene	19.69	202	798005	37.996	ng	96
80) Butylbenzylphthalate	20.58	149	342459	35.781	ng	97
81) Benzo(a)anthracene	21.50	228	756201	37.518	ng	97
82) 3,3'-Dichlorobenzidine	21.42	252	209906	26.833	ng	99
83) Chrysene	21.57	228	730021	37.471	ng	97
84) Bis(2-ethylhexyl)phthalate	21.43	149	488575	37.087	ng	98
85) Di-n-octyl phthalate	22.58	149	871598	38.239	ng	98
86) Indeno(1,2,3-cd)pyrene	28.10	276	918010	36.117	ng	100
88) Benzo(b)fluoranthene	23.63	252	788307	37.022	ng	98
89) Benzo(k)fluoranthene	23.69	252	791090	38.120	ng	99
90) Benzo(a)pyrene	24.46	252	737699	36.643	ng	98
91) Dibenzo(a,h)anthracene	28.15	278	766105	38.451	ng	100
92) Benzo(g,h,i)perylene	29.18	276	775144	38.863	ng	98

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

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