Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021820\
Data File : BG044470.D
Acq On : 18 Feb 2020 13:20
Operator : CG/JU
Sample : PB126850BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126850BS

Quant Time: Feb 18 15:01:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 14:58:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	68368	20.00	ng	0.00
21) Naphthalene-d8	10.69	136	277882	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	175971	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	398078	20.00	ng	0.00
76) Chrysene-d12	21.52	240	396649	20.00	ng	0.00
87) Perylene-d12	24.60	264	329242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	458735	118.42	ng	0.00
7) Phenol-d6	7.07	99	591630	113.73	ng	0.00
23) Nitrobenzene-d5	9.05	82	311415	63.27	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	235908	114.20	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	698978	66.52	ng	0.00
79) Terphenyl-d14	19.89	244	1192080	61.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	59579	34.231	ng	99
3) Pyridine	3.74	79	146679	31.631	ng	96
4) n-Nitrosodimethylamine	3.65	42	71115	36.700	ng	99
6) Aniline	7.21	93	155054	24.013	ng	98
8) 2-Chlorophenol	7.46	128	177299	41.644	ng	98
9) Benzaldehyde	7.02	77	21736	7.336	ng	94
10) Phenol	7.09	94	214417	41.648	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	162210	36.854	ng	98
12) 1,3-Dichlorobenzene	7.78	146	187684	36.922	ng	96
13) 1,4-Dichlorobenzene	7.92	146	187295	37.201	ng	99
14) 1,2-Dichlorobenzene	8.25	146	179451	37.709	ng	98
15) Benzyl Alcohol	8.13	79	146137	39.680	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.42	45	212676	35.700	ng	97
17) 2-Methylphenol	8.35	107	147360	40.118	ng	97
18) Hexachloroethane	8.97	117	69065	36.556	ng	98
19) n-Nitroso-di-n-propylamine	8.70	70	124853	36.013	ng	96
20) 3+4-Methylphenols	8.67	107	201101	39.726	ng	99
22) Acetophenone	8.71	105	236549	34.992	ng	97
24) Nitrobenzene	9.09	77	178598	37.168	ng	98
25) Isophorone	9.62	82	344570	37.559	ng	100
26) 2-Nitrophenol	9.80	139	99810	40.031	ng	97
27) 2,4-Dimethylphenol	9.87	122	161507	45.888	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	214628	35.070	ng	99
29) 2,4-Dichlorophenol	10.34	162	170518	40.067	ng	100
30) 1,2,4-Trichlorobenzene	10.56	180	175789	36.023	ng	100
31) Naphthalene	10.74	128	517158	38.359	ng	100
32) Benzoic acid	10.01	122	39571	26.200	ng	93
33) 4-Chloroaniline	10.85	127	140609	22.932	ng	97
34) Hexachlorobutadiene	11.04	225	103891	34.599	ng	98
35) Caprolactam	11.64	113	73466	47.124	ng	97
36) 4-Chloro-3-methylphenol	11.99	107	174938	39.206	ng	97
37) 2-Methylnaphthalene	12.35	142	375454	37.508	ng	99
38) 1-Methylnaphthalene	12.57	142	353579	37.466	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	185659	35.270	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	123457	48.879	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	137722	40.478	ng	95
44) 2,4,5-Trichlorophenol	13.05	196	146930	42.279	ng	99
46) 1,1'-Biphenyl	13.36	154	468626	36.920	ng	98
47) 2-Chloronaphthalene	13.40	162	367589	36.393	ng	99
48) 2-Nitroaniline	13.60	65	109954	36.887	ng	96
49) Acenaphthylene	14.25	152	580528	39.186	ng	99
50) Dimethylphthalate	13.99	163	473783	37.455	ng	99
51) 2,6-Dinitrotoluene	14.10	165	107286	38.040	ng	99
52) Acenaphthene	14.60	154	358062	37.289	ng	98
53) 3-Nitroaniline	14.43	138	89220	28.593	ng	99
54) 2,4-Dinitrophenol	14.64	184	141583	84.270	ng	98
55) Dibenzofuran	14.93	168	560787	38.573	ng	98
56) 4-Nitrophenol	14.76	139	218473	95.585	ng	97
57) 2,4-Dinitrotoluene	14.89	165	155838	39.423	ng	99
58) Fluorene	15.58	166	445802	38.931	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.16	232	133285	42.460	ng	98
60) Diethylphthalate	15.36	149	483785	38.383	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	227256	36.602	ng	99
62) 4-Nitroaniline	15.60	138	120684	38.707	ng	96
63) Azobenzene	15.87	77	422610	38.257	ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	105843	48.168	ng	98
66) n-Nitrosodiphenylamine	15.79	169	415895	37.280	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	138355	31.901	ng	94
68) Hexachlorobenzene	16.60	284	151507	31.181	ng	99
69) Atrazine	16.74	200	144047	37.672	ng	97
70) Pentachlorophenol	16.94	266	199602	81.187	ng	98
71) Phenanthrene	17.32	178	741866	38.486	ng	98
72) Anthracene	17.41	178	757847	39.766	ng	98
73) Carbazole	17.68	167	736822	41.939	ng	99
74) Di-n-butylphthalate	18.25	149	900432	41.473	ng	98
75) Fluoranthene	19.33	202	925167	41.489	ng	99
77) Benzidine	19.51	184	158841	14.437	ng	98
78) Pyrene	19.69	202	790736	31.042	ng	98
80) Butylbenzylphthalate	20.58	149	428069	36.876	ng	98
81) Benzo(a)anthracene	21.50	228	936962	38.328	ng	98
82) 3,3'-Dichlorobenzidine	21.42	252	278461	29.350	ng	98
83) Chrysene	21.57	228	895513	37.899	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	606483	37.958	ng	100
85) Di-n-octyl phthalate	22.58	149	1083417	39.190	ng	98
86) Indeno(1,2,3-cd)pyrene	28.09	276	1147249	37.215	ng	99
88) Benzo(b)fluoranthene	23.63	252	983329	51.830	ng	98
89) Benzo(k)fluoranthene	23.69	252	976187	52.793	ng	98
90) Benzo(a)pyrene	24.46	252	912047	50.845	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	966041	54.417	ng	99
92) Benzo(g,h,i)perylene	29.17	276	987264	55.553	ng	99

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

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