Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044319.D
Acq On : 6 Feb 2020 12:38
Operator : CG/JU
Sample : PB126601BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126601BS

Quant Time: Feb 06 21:44:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	108961	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	467518	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	303236	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	634120	20.00	ng	0.00
76) Chrysene-d12	21.54	240	545486	20.00	ng	0.00
87) Perylene-d12	24.63	264	505323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	670524	108.60	ng	0.00
7) Phenol-d6	7.09	99	880303	106.18	ng	0.00
23) Nitrobenzene-d5	9.07	82	533571	64.43	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	340853	95.75	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1207028	66.66	ng	0.00
79) Terphenyl-d14	19.91	244	1700746	64.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	84385	30.421	ng	98
3) Pyridine	3.78	79	205049	27.745	ng	98
4) n-Nitrosodimethylamine	3.69	42	107623	34.849	ng	95
6) Aniline	7.24	93	281576	27.361	ng	98
8) 2-Chlorophenol	7.48	128	288985	42.589	ng	99
9) Benzaldehyde	7.05	77	80792	17.110	ng	100
10) Phenol	7.12	94	352034	42.904	ng	100
11) bis(2-Chloroethyl)ether	7.34	93	263532	37.568	ng	97
12) 1,3-Dichlorobenzene	7.81	146	287347	35.468	ng	98
13) 1,4-Dichlorobenzene	7.95	146	293711	36.604	ng	99
14) 1,2-Dichlorobenzene	8.27	146	278458	36.715	ng	97
15) Benzyl Alcohol	8.15	79	237268	40.423	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	337276	35.524	ng	98
17) 2-Methylphenol	8.36	107	247056	42.202	ng	97
18) Hexachloroethane	9.00	117	106200	35.270	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	202103	36.577	ng	97
20) 3+4-Methylphenols	8.69	107	337531	41.836	ng	99
22) Acetophenone	8.73	105	388722	34.179	ng	99
24) Nitrobenzene	9.11	77	288251	35.655	ng	99
25) Isophorone	9.64	82	559042	36.220	ng	99
26) 2-Nitrophenol	9.83	139	163162	38.895	ng	99
27) 2,4-Dimethylphenol	9.89	122	273877	46.251	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	357727	34.743	ng	99
29) 2,4-Dichlorophenol	10.37	162	285987	39.942	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	286143	34.853	ng	98
31) Naphthalene	10.76	128	828921	36.544	ng	99
32) Benzoic acid	10.05	122	172063	45.261	ng	91
33) 4-Chloroaniline	10.87	127	216972	21.032	ng	99
34) Hexachlorobutadiene	11.06	225	166181	32.895	ng	97
35) Caprolactam	11.64	113	102718	39.162	ng	99
36) 4-Chloro-3-methylphenol	12.01	107	295283	39.334	ng	100
37) 2-Methylnaphthalene	12.37	142	620820	36.863	ng	100
38) 1-Methylnaphthalene	12.59	142	589480	37.126	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	306718	33.814	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	301028	69.163 ng	99
43) 2,4,6-Trichlorophenol	12.98	196	225828	38.517 ng	100
44) 2,4,5-Trichlorophenol	13.06	196	240615	40.179 ng	100
46) 1,1'-Biphenyl	13.38	154	777661	35.554 ng	100
47) 2-Chloronaphthalene	13.42	162	612108	35.168 ng	99
48) 2-Nitroaniline	13.62	65	177291	34.515 ng	97
49) Acenaphthylene	14.28	152	943861	36.972 ng	100
50) Dimethylphthalate	14.01	163	775432	35.574 ng	100
51) 2,6-Dinitrotoluene	14.12	165	177220	36.464 ng	98
52) Acenaphthene	14.62	154	593322	35.857 ng	98
53) 3-Nitroaniline	14.45	138	136561	25.397 ng	96
54) 2,4-Dinitrophenol	14.66	184	215411	75.296 ng	96
55) Dibenzofuran	14.95	168	910625	36.348 ng	99
56) 4-Nitrophenol	14.77	139	317162	80.525 ng	96
57) 2,4-Dinitrotoluene	14.91	165	244266	35.859 ng	97
58) Fluorene	15.60	166	714616	36.215 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	211506	39.101 ng	99
60) Diethylphthalate	15.37	149	761696	35.070 ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	377664	35.299 ng	98
62) 4-Nitroaniline	15.61	138	169954	31.632 ng	95
63) Azobenzene	15.89	77	674533	35.435 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	152413	43.542 ng	97
66) n-Nitrosodiphenylamine	15.81	169	665651	37.458 ng	99
67) 4-Bromophenyl-phenylether	16.48	248	248528	35.973 ng	98
68) Hexachlorobenzene	16.61	284	270596	34.961 ng	99
69) Atrazine	16.76	200	241821	39.701 ng	98
70) Pentachlorophenol	16.95	266	314234	80.273 ng	97
71) Phenanthrene	17.34	178	1119226	36.449 ng	99
72) Anthracene	17.43	178	1145571	37.735 ng	99
73) Carbazole	17.69	167	1022965	36.552 ng	99
74) Di-n-butylphthalate	18.26	149	1269057	36.694 ng	99
75) Fluoranthene	19.35	202	1281137	36.067 ng	99
77) Benzidine	19.52	184	210839	13.935 ng	97
78) Pyrene	19.71	202	1282582	36.612 ng	99
80) Butylbenzylphthalate	20.60	149	577729	36.189 ng	97
81) Benzo(a)anthracene	21.53	228	1236434	36.778 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	371789	28.494 ng	100
83) Chrysene	21.58	228	1186559	36.514 ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	816833	37.174 ng	99
85) Di-n-octyl phthalate	22.61	149	1427158	37.538 ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1512404	35.674 ng	99
88) Benzo(b)fluoranthene	23.66	252	1334423	45.827 ng	99
89) Benzo(k)fluoranthene	23.72	252	1253401	44.165 ng	100
90) Benzo(a)pyrene	24.49	252	1194668	43.393 ng	99
91) Dibenzo(a,h)anthracene	28.19	278	1270208	46.619 ng	100
92) Benzo(g,h,i)perylene	29.23	276	1281510	46.983 ng	98

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

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