Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
Data File : BG040366.D
Acq On : 4 Apr 2019 19:18
Operator : JU/SJ
Sample : PB118524BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118524BSD

Manual Integrations APPROVED
Sohil
4/5/2019 12:24:53 PM

Quant Time: Apr 05 02:09:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54333	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	219678	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	135056	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	344259	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	376089	20.00	ng		-0.03
87) Perylene-d12	24.97	264	371532	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	429972	131.56	ng		-0.02
7) Phenol-d6	7.21	99	571025	126.42	ng		-0.02
23) Nitrobenzene-d5	9.22	82	312452	75.60	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	217335	148.90	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	721429	79.15	ng		-0.02
79) Terphenyl-d14	20.02	244	1254088	75.02	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	92622	60.269	ng		97
3) Pyridine	3.89	79	160443	38.775	ng		95
4) n-Nitrosodimethylamine	3.82	42	71596	37.406	ng	#	86
6) Aniline	7.38	93	151567	25.828	ng		98
8) 2-Chlorophenol	7.61	128	154615	40.413	ng		96
9) Benzaldehyde	7.19	77	44240	14.279	ng		97
10) Phenol	7.23	94	204133	41.637	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	149175	37.989	ng		97
12) 1,3-Dichlorobenzene	7.93	146	164369	39.522	ng		96
13) 1,4-Dichlorobenzene	8.08	146	163517	39.475	ng		97
14) 1,2-Dichlorobenzene	8.40	146	154789	39.076	ng		95
15) Benzyl Alcohol	8.29	79	134110	36.867	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	277476	36.819	ng		100
17) 2-Methylphenol	8.49	107	136447	40.220	ng		96
18) Hexachloroethane	9.12	117	59354	37.670	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	113057	34.910	ng		98
20) 3+4-Methylphenols	8.81	107	188863	41.094	ng		97
22) Acetophenone	8.88	105	226628	41.357	ng	#	96
24) Nitrobenzene	9.26	77	170453	39.828	ng		98
25) Isophorone	9.77	82	330590	38.876	ng	#	98
26) 2-Nitrophenol	9.97	139	84970	41.900	ng		98
27) 2,4-Dimethylphenol	10.02	122	157676	48.949	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	200543	39.861	ng		99
29) 2,4-Dichlorophenol	10.50	162	157734	45.113	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	159309	41.496	ng		98
31) Naphthalene	10.91	128	467301	41.501	ng		98
32) Benzoic acid	10.15	122	61566	31.634	ng		96
33) 4-Chloroaniline	11.03	127	119741	24.930	ng		96
34) Hexachlorobutadiene	11.17	225	97303	39.629	ng		94
35) Caprolactam	11.81	113	55752m	40.181	ng		
36) 4-Chloro-3-methylphenol	12.14	107	172229	42.848	ng		99
37) 2-Methylnaphthalene	12.51	142	355228	42.656	ng		98
38) 1-Methylnaphthalene	12.73	142	331646	41.068	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	178295	41.536	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	205548	87.210	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	127252	45.980	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	138965	46.068	ng	95
46) 1,1'-Biphenyl	13.51	154	448093	41.991	ng	97
47) 2-Chloronaphthalene	13.56	162	347865	42.498	ng	99
48) 2-Nitroaniline	13.77	65	116729	42.277	ng	97
49) Acenaphthylene	14.40	152	577773	41.631	ng	99
50) Dimethylphthalate	14.13	163	445335	42.132	ng	99
51) 2,6-Dinitrotoluene	14.26	165	103830	43.748	ng	98
52) Acenaphthene	14.75	154	336287	42.287	ng	97
53) 3-Nitroaniline	14.60	138	75346	29.991	ng	95
54) 2,4-Dinitrophenol	14.80	184	104014	82.407	ng	90
55) Dibenzofuran	15.07	168	549514	43.003	ng	98
56) 4-Nitrophenol	14.90	139	178112	87.843	ng	98
57) 2,4-Dinitrotoluene	15.04	165	146259	44.351	ng	98
58) Fluorene	15.73	166	436819	43.479	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	127678	46.643	ng	99
60) Diethylphthalate	15.48	149	467952	43.264	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	236264	43.995	ng	97
62) 4-Nitroaniline	15.76	138	119526	44.333	ng	98
63) Azobenzene	16.00	77	430490	42.195	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	82187	42.494	ng	98
66) n-Nitrosodiphenylamine	15.93	169	408659	40.566	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	155198	40.060	ng	97
68) Hexachlorobenzene	16.72	284	158912	40.796	ng	97
69) Atrazine	16.87	200	155257	41.430	ng	98
70) Pentachlorophenol	17.07	266	178791	79.392	ng	95
71) Phenanthrene	17.47	178	756881	41.828	ng	99
72) Anthracene	17.56	178	772656	42.661	ng	99
73) Carbazole	17.83	167	744141	43.414	ng	99
74) Di-n-butylphthalate	18.36	149	864908	42.570	ng	100
75) Fluoranthene	19.47	202	969987	45.270	ng	99
77) Benzidine	19.66	184	351670	25.894	ng	97
78) Pyrene	19.83	202	983950	39.784	ng	99
80) Butylbenzylphthalate	20.70	149	432115	40.830	ng	95
81) Benzo(a)anthracene	21.68	228	932079	40.236	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	242173	27.482	ng	99
83) Chrysene	21.74	228	904136	40.612	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	616345	40.741	ng	99
85) Di-n-octyl phthalate	22.77	149	1053349	40.867	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1119843	41.127	ng	99
88) Benzo(b)fluoranthene	23.92	252	974390	42.837	ng	98
89) Benzo(k)fluoranthene	23.99	252	951969	45.509	ng	99
90) Benzo(a)pyrene	24.82	252	956848	44.834	ng	98
91) Dibenzo(a,h)anthracene	28.79	278	905803	45.697	ng	96
92) Benzo(g,h,i)perylene	29.92	276	927397	45.526	ng	98

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

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