Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042802.D
Acq On : 13 Sep 2019 5:09
Operator : HP/JU
Sample : PB123028BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123028BS

Manual Integrations APPROVED
mohammad
9/16/2019 9:03:40 AM

Quant Time: Sep 13 08:45:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	91907	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	339279	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	228877	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	515982	20.00	ng	0.00
76) Chrysene-d12	21.76	240	529577	20.00	ng	0.00
87) Perylene-d12	25.03	264	598515	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	763850	144.49	ng	0.00
7) Phenol-d6	7.27	99	1094628	144.26	ng	0.00
23) Nitrobenzene-d5	9.27	82	669221	102.69	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	465210	152.78	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1436841	99.37	ng	0.00
79) Terphenyl-d14	20.09	244	2421570	101.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	81155	33.638	ng	98
3) Pyridine	3.98	79	226071	31.122	ng	99
4) n-Nitrosodimethylamine	3.89	42	147759	41.803	ng	98
6) Aniline	7.44	93	324269	31.675	ng	97
8) 2-Chlorophenol	7.68	128	276106	48.318	ng	99
9) Benzaldehyde	7.25	77	192607	39.007	ng	100
10) Phenol	7.30	94	369817	47.525	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	260431	43.608	ng	98
12) 1,3-Dichlorobenzene	8.01	146	288488	41.391	ng	98
13) 1,4-Dichlorobenzene	8.16	146	291053	41.711	ng	99
14) 1,2-Dichlorobenzene	8.48	146	271960	40.944	ng	97
15) Benzyl Alcohol	8.35	79	297767	45.728	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	532510	40.604	ng	98
17) 2-Methylphenol	8.55	107	247512	47.544	ng	99
18) Hexachloroethane	9.21	117	104940	40.735	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	242509	43.374	ng	94
20) 3+4-Methylphenols	8.88	107	328718	45.806	ng	97
22) Acetophenone	8.94	105	415003	48.433	ng	98
24) Nitrobenzene	9.32	77	338654	49.509	ng	96
25) Isophorone	9.85	82	636116	46.830	ng	98
26) 2-Nitrophenol	10.03	139	141888	52.751	ng	95
27) 2,4-Dimethylphenol	10.08	122	264579	55.607	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	352796	46.572	ng	99
29) 2,4-Dichlorophenol	10.57	162	281822	50.970	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	305039	45.187	ng	97
31) Naphthalene	10.98	128	800597	47.793	ng	99
32) Benzoic acid	10.23	122	187347	48.597	ng	97
33) 4-Chloroaniline	11.07	127	139700	17.843	ng	98
34) Hexachlorobutadiene	11.27	225	211930	44.808	ng	93
35) Caprolactam	11.84	113	101066m	49.154	ng	
36) 4-Chloro-3-methylphenol	12.19	107	307006	51.139	ng	98
37) 2-Methylnaphthalene	12.58	142	596118	47.506	ng	99
38) 1-Methylnaphthalene	12.79	142	557741	47.390	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	363169	48.018	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	505894	116.762	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	255921	50.827	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	275779	53.472	ng		96
46) 1,1'-Biphenyl	13.57	154	792683	49.472	ng		99
47) 2-Chloronaphthalene	13.62	162	612733	46.228	ng		97
48) 2-Nitroaniline	13.80	65	231959	50.448	ng		97
49) Acenaphthylene	14.46	152	998534	49.298	ng		98
50) Dimethylphthalate	14.19	163	814927	47.529	ng		99
51) 2,6-Dinitrotoluene	14.30	165	184397	52.413	ng		97
52) Acenaphthene	14.80	154	689127	52.078	ng		99
53) 3-Nitroaniline	14.63	138	116341	29.465	ng		98
54) 2,4-Dinitrophenol	14.83	184	174137	100.545	ng	#	76
55) Dibenzofuran	15.14	168	953208	48.463	ng		99
56) 4-Nitrophenol	14.93	139	321043	105.159	ng		96
57) 2,4-Dinitrotoluene	15.08	165	248187	52.925	ng	#	98
58) Fluorene	15.78	166	786531	48.251	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	264280	52.860	ng	#	98
60) Diethylphthalate	15.56	149	815111	46.834	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	454831	47.191	ng		96
62) 4-Nitroaniline	15.79	138	199818	46.949	ng		97
63) Azobenzene	16.07	77	811620	48.427	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	123252	55.826	ng		97
66) n-Nitrosodiphenylamine	15.98	169	729264	52.523	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	309583	49.571	ng		99
68) Hexachlorobenzene	16.79	284	320953	48.095	ng		100
69) Atrazine	16.93	200	281002	58.117	ng		97
70) Pentachlorophenol	17.12	266	444250	112.219	ng		94
71) Phenanthrene	17.52	178	1258211	50.989	ng		99
72) Anthracene	17.61	178	1277104	51.803	ng		98
73) Carbazole	17.88	167	1221347	52.124	ng		97
74) Di-n-butylphthalate	18.45	149	1384716	49.333	ng		99
75) Fluoranthene	19.53	202	1665985	52.093	ng		98
77) Benzidine	19.70	184	481872	32.568	ng		99
78) Pyrene	19.89	202	1670695	50.390	ng		98
80) Butylbenzylphthalate	20.78	149	671748	50.063	ng		98
81) Benzo(a)anthracene	21.74	228	1665678	49.469	ng		97
82) 3,3'-Dichlorobenzidine	21.65	252	456327	34.873	ng		99
83) Chrysene	21.81	228	1604798	50.316	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	931245	50.793	ng		100
85) Di-n-octyl phthalate	22.90	149	1579441	50.534	ng		100
86) Indeno(1,2,3-cd)pyrene	28.77	276	2040631	51.665	ng	#	93
88) Benzo(b)fluoranthene	23.99	252	1767938	50.306	ng		99
89) Benzo(k)fluoranthene	24.06	252	1685352	50.768	ng		99
90) Benzo(a)pyrene	24.88	252	1718875	52.234	ng		98
91) Dibenzo(a,h)anthracene	28.85	278	1675140	51.757	ng		98
92) Benzo(g,h,i)perylene	29.94	276	1670897	52.928	ng		98

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

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