Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042724.D
Acq On : 5 Sep 2019 17:29
Operator : HP/JU
Sample : PB122826BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122826BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:51:45 AM

Quant Time: Sep 05 19:00:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	45008	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	164912	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	117267	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	283433	20.00	ng		0.00
76) Chrysene-d12	21.69	240	335505	20.00	ng		0.00
87) Perylene-d12	24.93	264	406558	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	205036	92.26	ng		0.00
7) Phenol-d6	7.16	99	256042	85.30	ng		0.00
23) Nitrobenzene-d5	9.17	82	142889	59.88	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	165389	99.23	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	471598	68.02	ng		0.00
79) Terphenyl-d14	20.02	244	1011106	65.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	21021	22.666	ng		99
3) Pyridine	3.82	79	46948	19.742	ng		97
4) n-Nitrosodimethylamine	3.74	42	24115	28.392	ng		99
6) Aniline	7.32	93	72130	18.016	ng		98
8) 2-Chlorophenol	7.56	128	78075	28.989	ng		99
9) Benzaldehyde	7.13	77	43444	28.908	ng		97
10) Phenol	7.19	94	82718	27.102	ng		91
11) bis(2-Chloroethyl)ether	7.41	93	59985	25.025	ng		96
12) 1,3-Dichlorobenzene	7.89	146	92877	27.108	ng		98
13) 1,4-Dichlorobenzene	8.03	146	95282	27.455	ng		97
14) 1,2-Dichlorobenzene	8.36	146	88564	26.648	ng		98
15) Benzyl Alcohol	8.24	79	56520	26.171	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74465	22.921	ng		97
17) 2-Methylphenol	8.45	107	59566	26.497	ng		95
18) Hexachloroethane	9.08	117	31040	26.126	ng		93
19) n-Nitroso-di-n-propylamine	8.80	70	44167	22.711	ng		91
20) 3+4-Methylphenols	8.78	107	80426	25.855	ng		97
22) Acetophenone	8.83	105	105159	29.814	ng	#	99
24) Nitrobenzene	9.21	77	68071	28.168	ng		97
25) Isophorone	9.74	82	125797	26.710	ng		96
26) 2-Nitrophenol	9.92	139	45613	30.119	ng		96
27) 2,4-Dimethylphenol	9.99	122	67610	32.410	ng		96
28) bis(2-Chloroethoxy)methane	10.22	93	78135	26.322	ng		97
29) 2,4-Dichlorophenol	10.47	162	86841	31.818	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	103719	30.960	ng		96
31) Naphthalene	10.87	128	224713	29.350	ng		98
32) Benzoic acid	10.15	122	20157	19.217	ng		90
33) 4-Chloroaniline	10.98	127	48911	13.838	ng		97
34) Hexachlorobutadiene	11.16	225	69429	30.837	ng		95
35) Caprolactam	11.75	113	23240m	25.518	ng		
36) 4-Chloro-3-methylphenol	12.11	107	74336	28.691	ng		99
37) 2-Methylnaphthalene	12.48	142	180740	29.399	ng		100
38) 1-Methylnaphthalene	12.70	142	170479	29.194	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	126499	33.591	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	126037	63.714	ng		100
43) 2,4,6-Trichlorophenol	13.09	196	76845	30.189	ng		93
44) 2,4,5-Trichlorophenol	13.17	196	82167	31.149	ng		96
46) 1,1'-Biphenyl	13.48	154	236362	31.181	ng		96
47) 2-Chloronaphthalene	13.53	162	195279	29.877	ng		98
48) 2-Nitroaniline	13.74	65	41440	26.292	ng		96
49) Acenaphthylene	14.38	152	302696	30.782	ng		100
50) Dimethylphthalate	14.11	163	246620	29.147	ng		100
51) 2,6-Dinitrotoluene	14.23	165	58207	29.679	ng		94
52) Acenaphthene	14.72	154	175910	29.461	ng		98
53) 3-Nitroaniline	14.56	138	33283	16.969	ng		97
54) 2,4-Dinitrophenol	14.78	184	61700	49.278	ng		99
55) Dibenzofuran	15.06	168	304943	30.853	ng		100
56) 4-Nitrophenol	14.89	139	78825	56.556	ng		95
57) 2,4-Dinitrotoluene	15.02	165	86032	30.633	ng		99
58) Fluorene	15.71	166	249270	30.852	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	84845m	32.525	ng		
60) Diethylphthalate	15.47	149	241347	29.179	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	149395	30.674	ng		98
62) 4-Nitroaniline	15.73	138	62741	29.888	ng		93
63) Azobenzene	15.99	77	155770	27.484	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	56356	31.714	ng		97
66) n-Nitrosodiphenylamine	15.91	169	233258	29.926	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	106861	29.724	ng		96
68) Hexachlorobenzene	16.72	284	115854	29.644	ng		99
69) Atrazine	16.86	200	94200	34.175	ng		98
70) Pentachlorophenol	17.07	266	115477	56.867	ng		97
71) Phenanthrene	17.45	178	443139	31.476	ng		98
72) Anthracene	17.54	178	458295	32.608	ng		98
73) Carbazole	17.81	167	409246	32.671	ng		98
74) Di-n-butylphthalate	18.37	149	470139	31.751	ng		99
75) Fluoranthene	19.47	202	627652	36.530	ng		96
77) Benzidine	19.64	184	216823	22.541	ng		98
78) Pyrene	19.82	202	637676	31.001	ng		98
80) Butylbenzylphthalate	20.71	149	226734	28.025	ng		96
81) Benzo(a)anthracene	21.67	228	639395	31.328	ng		96
82) 3,3'-Dichlorobenzidine	21.58	252	181376	22.097	ng		98
83) Chrysene	21.73	228	616650	31.329	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	324497	28.887	ng		98
85) Di-n-octyl phthalate	22.78	149	567427	29.370	ng		98
86) Indeno(1,2,3-cd)pyrene	28.64	276	814690	30.457	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	693208	31.015	ng	#	99
89) Benzo(k)fluoranthene	23.97	252	693674	32.288	ng	#	97
90) Benzo(a)pyrene	24.78	252	692164	32.635	ng	#	97
91) Dibenzo(a,h)anthracene	28.70	278	673903	31.381	ng		97
92) Benzo(g,h,i)perylene	29.81	276	675550	31.453	ng	#	97

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

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