Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042429.D
Acq On : 23 Aug 2019 11:43
Operator : HP/JU
Sample : PB122218BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122218BS

Manual Integrations APPROVED
Jagrut
8/26/2019 2:01:39 PM

Quant Time: Aug 23 17:46:11 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	83507	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	335325	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	274049	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	476394	20.00	ng		0.00
76) Chrysene-d12	21.70	240	457551	20.00	ng		0.00
87) Perylene-d12	24.94	264	552739	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	626712	152.00	ng		0.00
7) Phenol-d6	7.17	99	661195	118.72	ng		0.00
23) Nitrobenzene-d5	9.17	82	323223	66.61	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	325225	83.49	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	877629	54.16	ng		0.00
79) Terphenyl-d14	20.03	244	1356873	64.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	80299	46.667	ng		97
3) Pyridine	3.82	79	193332	43.817	ng		96
4) n-Nitrosodimethylamine	3.73	42	73677	46.752	ng	#	73
6) Aniline	7.32	93	251442	33.848	ng		100
8) 2-Chlorophenol	7.56	128	231030	46.234	ng		96
9) Benzaldehyde	7.13	77	147964	53.065	ng		96
10) Phenol	7.19	94	264378	46.687	ng		96
11) bis(2-Chloroethyl)ether	7.42	93	199559	44.872	ng		99
12) 1,3-Dichlorobenzene	7.89	146	243315	38.276	ng		99
13) 1,4-Dichlorobenzene	8.03	146	245814	38.176	ng		96
14) 1,2-Dichlorobenzene	8.36	146	237429	38.504	ng		97
15) Benzyl Alcohol	8.24	79	156394	39.031	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	245399	40.711	ng		99
17) 2-Methylphenol	8.45	107	178422	42.777	ng		94
18) Hexachloroethane	9.09	117	84035	38.122	ng		93
19) n-Nitroso-di-n-propylamine	8.81	70	142243	39.422	ng		98
20) 3+4-Methylphenols	8.79	107	244831	42.420	ng		97
22) Acetophenone	8.83	105	299201	41.718	ng		98
24) Nitrobenzene	9.21	77	211787	43.100	ng		99
25) Isophorone	9.74	82	382723	39.965	ng		98
26) 2-Nitrophenol	9.93	139	128291	41.662	ng		98
27) 2,4-Dimethylphenol	10.00	122	201392	47.478	ng		96
28) bis(2-Chloroethoxy)methane	10.22	93	260199	43.109	ng		100
29) 2,4-Dichlorophenol	10.48	162	231705	41.751	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	246921	36.248	ng		99
31) Naphthalene	10.88	128	643318	41.322	ng		100
32) Benzoic acid	10.14	122	105044	36.484	ng		94
33) 4-Chloroaniline	10.99	127	163121	22.697	ng		97
34) Hexachlorobutadiene	11.17	225	156608	34.208	ng		96
35) Caprolactam	11.75	113	74063m	39.995	ng		
36) 4-Chloro-3-methylphenol	12.12	107	202691	38.474	ng		97
37) 2-Methylnaphthalene	12.49	142	496818	39.743	ng		98
38) 1-Methylnaphthalene	12.71	142	455900	38.395	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	298884	33.961	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	341855	73.948	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	189263	31.816	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	203349	32.987	ng		97
46) 1,1'-Biphenyl	13.49	154	623476	35.195	ng		99
47) 2-Chloronaphthalene	13.53	162	497005	32.538	ng		98
48) 2-Nitroaniline	13.74	65	119101	32.334	ng		96
49) Acenaphthylene	14.39	152	785505	34.182	ng		98
50) Dimethylphthalate	14.11	163	589676	29.821	ng		100
51) 2,6-Dinitrotoluene	14.23	165	149105	32.532	ng		94
52) Acenaphthene	14.73	154	571013	40.921	ng		99
53) 3-Nitroaniline	14.56	138	102459	22.352	ng		98
54) 2,4-Dinitrophenol	14.78	184	184269	61.235	ng		95
55) Dibenzofuran	15.06	168	909820	39.390	ng		99
56) 4-Nitrophenol	14.89	139	294069	90.284	ng		91
57) 2,4-Dinitrotoluene	15.03	165	251031	38.248	ng		97
58) Fluorene	15.71	166	723056	38.295	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	216260	35.474	ng	#	86
60) Diethylphthalate	15.48	149	713506	36.912	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	393360	34.560	ng		99
62) 4-Nitroaniline	15.73	138	190074	38.744	ng		91
63) Azobenzene	16.00	77	558571	42.171	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	148345	49.667	ng		94
66) n-Nitrosodiphenylamine	15.92	169	664148	50.694	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	259519	42.947	ng		98
68) Hexachlorobenzene	16.72	284	267349	40.699	ng	#	92
69) Atrazine	16.87	200	232118	50.101	ng		98
70) Pentachlorophenol	17.07	266	317603	93.054	ng		98
71) Phenanthrene	17.46	178	980779	41.447	ng		98
72) Anthracene	17.55	178	993897	42.073	ng		99
73) Carbazole	17.82	167	873268	41.478	ng		99
74) Di-n-butylphthalate	18.38	149	1016523	40.845	ng		99
75) Fluoranthene	19.47	202	1190560	41.225	ng		96
77) Benzidine	19.64	184	720550	54.928	ng		99
78) Pyrene	19.83	202	1163352	41.471	ng		98
80) Butylbenzylphthalate	20.71	149	467078	42.333	ng		98
81) Benzo(a)anthracene	21.67	228	1127881	40.522	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	321344	28.706	ng	#	99
83) Chrysene	21.74	228	1081119	40.275	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	681644	44.495	ng		100
85) Di-n-octyl phthalate	22.79	149	1129584	42.871	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1471013	40.325	ng		98
88) Benzo(b)fluoranthene	23.90	252	1206931	39.718	ng	#	97
89) Benzo(k)fluoranthene	23.97	252	1214817	41.591	ng	#	98
90) Benzo(a)pyrene	24.79	252	1199053	41.583	ng	#	98
91) Dibenzo(a,h)anthracene	28.71	278	1230835	42.158	ng	#	96
92) Benzo(g,h,i)perylene	29.80	276	1219694	41.770	ng	#	96

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

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