Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
Data File : BG041881.D
Acq On : 2 Aug 2019 10:11
Operator : HP/JU
Sample : PB121888BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121888BS

Quant Time: Aug 02 18:07:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	82388	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	330986	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	236025	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	540843	20.00	ng		0.00
76) Chrysene-d12	21.74	240	567518	20.00	ng		0.00
87) Perylene-d12	25.00	264	613881	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	541533	127.88	ng		0.00
7) Phenol-d6	7.20	99	691784	121.18	ng		0.00
23) Nitrobenzene-d5	9.20	82	417045	86.71	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	368037	137.28	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1122300	83.87	ng		0.00
79) Terphenyl-d14	20.06	244	1935044	78.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	78280	39.276	ng		92
3) Pyridine	3.86	79	185293	33.902	ng		90
4) n-Nitrosodimethylamine	3.78	42	93760	43.274	ng	#	98
6) Aniline	7.35	93	249589	31.049	ng		95
8) 2-Chlorophenol	7.61	128	230291	47.493	ng		92
9) Benzaldehyde	7.17	77	116245	28.938	ng		91
10) Phenol	7.22	94	270836	45.602	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	196710	40.288	ng		95
12) 1,3-Dichlorobenzene	7.93	146	263007	41.559	ng		99
13) 1,4-Dichlorobenzene	8.08	146	268265	42.364	ng		97
14) 1,2-Dichlorobenzene	8.40	146	251531	41.627	ng		96
15) Benzyl Alcohol	8.28	79	194326	43.267	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	331152	38.122	ng		96
17) 2-Methylphenol	8.48	107	189866	43.957	ng		97
18) Hexachloroethane	9.14	117	93165	42.962	ng		88
19) n-Nitroso-di-n-propylamine	8.85	70	160632	38.756	ng		91
20) 3+4-Methylphenols	8.81	107	260307	44.040	ng		99
22) Acetophenone	8.86	105	315089	42.560	ng	#	94
24) Nitrobenzene	9.25	77	234208	46.222	ng		96
25) Isophorone	9.77	82	430736	41.168	ng		100
26) 2-Nitrophenol	9.97	139	131692	55.999	ng		95
27) 2,4-Dimethylphenol	10.03	122	217833	52.483	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	268328	41.039	ng		99
29) 2,4-Dichlorophenol	10.51	162	249345	49.332	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	280096	43.700	ng		95
31) Naphthalene	10.91	128	673729	44.476	ng		97
32) Benzoic acid	10.16	122	130194	44.653	ng		95
33) 4-Chloroaniline	11.01	127	171956	23.937	ng		97
34) Hexachlorobutadiene	11.21	225	184072	42.551	ng		99
35) Caprolactam	11.78	113	77489m	44.114	ng		
36) 4-Chloro-3-methylphenol	12.14	107	235988	47.093	ng		97
37) 2-Methylnaphthalene	12.52	142	525223	43.804	ng		100
38) 1-Methylnaphthalene	12.74	142	496649	43.708	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	337114	45.122	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	380373	90.554	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	226759	48.021	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	245097	49.947	ng		96
46) 1,1'-Biphenyl	13.53	154	671770	44.276	ng		97
47) 2-Chloronaphthalene	13.58	162	554607	42.934	ng		97
48) 2-Nitroaniline	13.76	65	151613	46.277	ng		89
49) Acenaphthylene	14.42	152	860280	44.522	ng		97
50) Dimethylphthalate	14.15	163	702777	43.598	ng		99
51) 2,6-Dinitrotoluene	14.26	165	171535	50.891	ng	#	85
52) Acenaphthene	14.76	154	612542	48.741	ng		98
53) 3-Nitroaniline	14.59	138	116430	32.288	ng	#	89
54) 2,4-Dinitrophenol	14.80	184	202507	93.259	ng		87
55) Dibenzofuran	15.10	168	853169	44.384	ng		97
56) 4-Nitrophenol	14.90	139	308808	112.820	ng		95
57) 2,4-Dinitrotoluene	15.05	165	235842	50.879	ng		91
58) Fluorene	15.75	166	693304	44.943	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	241459	49.682	ng		92
60) Diethylphthalate	15.51	149	695258	43.933	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	409318	43.463	ng		97
62) 4-Nitroaniline	15.76	138	176377	45.158	ng		97
63) Azobenzene	16.03	77	555291	42.954	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	146427	54.272	ng		84
66) n-Nitrosodiphenylamine	15.95	169	651205	44.203	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	283886	42.612	ng		96
68) Hexachlorobenzene	16.76	284	289478	41.533	ng	#	91
69) Atrazine	16.90	200	254339	43.940	ng		97
70) Pentachlorophenol	17.10	266	410600	103.703	ng		98
71) Phenanthrene	17.49	178	1158091	44.672	ng		95
72) Anthracene	17.58	178	1183596	45.778	ng		95
73) Carbazole	17.85	167	1069106	46.070	ng		96
74) Di-n-butylphthalate	18.42	149	1219742	46.363	ng	#	96
75) Fluoranthene	19.50	202	1491746	47.340	ng		92
77) Benzidine	19.67	184	701859	37.889	ng		98
78) Pyrene	19.86	202	1484068	44.136	ng		93
80) Butylbenzylphthalate	20.75	149	584072	45.306	ng		90
81) Benzo(a)anthracene	21.71	228	1481286	44.116	ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	465609	34.538	ng	#	98
83) Chrysene	21.78	228	1444863	44.891	ng		96
84) Bis(2-ethylhexyl)phthalate	21.63	149	821231	46.181	ng		96
85) Di-n-octyl phthalate	22.87	149	1407687	47.036	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	1897089	44.525	ng	#	89
88) Benzo(b)fluoranthene	23.97	252	1662854	49.516	ng	#	95
89) Benzo(k)fluoranthene	24.03	252	1565704	47.863	ng	#	96
90) Benzo(a)pyrene	24.85	252	1621442	50.343	ng	#	95
91) Dibenzo(a,h)anthracene	28.82	278	1557676	49.255	ng	#	96
92) Benzo(g,h,i)perylene	29.92	276	1566061	49.565	ng	#	95

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

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