Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
Data File : BG041885.D
Acq On : 2 Aug 2019 12:44
Operator : HP/JU
Sample : PB121894BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121894BS

Quant Time: Aug 02 18:13:53 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	87366	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	352001	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	249008	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	566041	20.00	ng		0.00
76) Chrysene-d12	21.73	240	577738	20.00	ng		0.00
87) Perylene-d12	25.00	264	622457	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	581739	129.55	ng		0.00
7) Phenol-d6	7.20	99	746117	123.25	ng		0.00
23) Nitrobenzene-d5	9.21	82	447740	87.53	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	376249	133.03	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1193778	84.56	ng		-0.01
79) Terphenyl-d14	20.06	244	1988798	78.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	86560	40.956	ng		93
3) Pyridine	3.86	79	199727	34.461	ng		92
4) n-Nitrosodimethylamine	3.78	42	101522	44.187	ng		93
6) Aniline	7.35	93	266385	31.250	ng		95
8) 2-Chlorophenol	7.60	128	245914	47.825	ng		94
9) Benzaldehyde	7.17	77	121960	28.631	ng		94
10) Phenol	7.22	94	290803	46.174	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	218551	42.211	ng		93
12) 1,3-Dichlorobenzene	7.93	146	280407	41.783	ng		98
13) 1,4-Dichlorobenzene	8.08	146	286516	42.668	ng		98
14) 1,2-Dichlorobenzene	8.40	146	268784	41.948	ng		96
15) Benzyl Alcohol	8.28	79	206498	43.358	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	364754	39.598	ng		95
17) 2-Methylphenol	8.48	107	201728	44.043	ng		99
18) Hexachloroethane	9.14	117	97254	42.293	ng	#	84
19) n-Nitroso-di-n-propylamine	8.85	70	173992	39.588	ng		90
20) 3+4-Methylphenols	8.81	107	279812	44.642	ng		99
22) Acetophenone	8.86	105	338519	42.995	ng	#	93
24) Nitrobenzene	9.25	77	252082	46.779	ng		96
25) Isophorone	9.78	82	458725	41.226	ng		98
26) 2-Nitrophenol	9.96	139	138150	55.238	ng		94
27) 2,4-Dimethylphenol	10.03	122	231905	52.538	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	288948	41.555	ng		99
29) 2,4-Dichlorophenol	10.51	162	265504	49.393	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	295927	43.413	ng		97
31) Naphthalene	10.92	128	717968	44.566	ng		98
32) Benzoic acid	10.16	122	134844	43.715	ng		94
33) 4-Chloroaniline	11.02	127	177173	23.191	ng		95
34) Hexachlorobutadiene	11.21	225	195656	42.529	ng		97
35) Caprolactam	11.79	113	80037m	42.844	ng		
36) 4-Chloro-3-methylphenol	12.14	107	251495	47.192	ng		99
37) 2-Methylnaphthalene	12.53	142	562010	44.073	ng		99
38) 1-Methylnaphthalene	12.74	142	532068	44.029	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	349513	44.342	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	391297	88.298	ng		99
43) 2,4,6-Trichlorophenol	13.12	196	237525	47.678	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	255114	49.278	ng		96
46) 1,1'-Biphenyl	13.53	154	709827	44.345	ng		96
47) 2-Chloronaphthalene	13.57	162	580928	42.627	ng		97
48) 2-Nitroaniline	13.77	65	160015	46.295	ng		92
49) Acenaphthylene	14.42	152	911012	44.689	ng		97
50) Dimethylphthalate	14.15	163	743371	43.712	ng		99
51) 2,6-Dinitrotoluene	14.26	165	176984	49.770	ng		88
52) Acenaphthene	14.76	154	641120	48.355	ng		98
53) 3-Nitroaniline	14.59	138	120623	31.707	ng	#	96
54) 2,4-Dinitrophenol	14.80	184	202592	89.792	ng	#	87
55) Dibenzofuran	15.10	168	897569	44.259	ng		97
56) 4-Nitrophenol	14.90	139	321718	111.408	ng		95
57) 2,4-Dinitrotoluene	15.05	165	248066	50.726	ng		90
58) Fluorene	15.75	166	727475	44.699	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	251691	49.087	ng		93
60) Diethylphthalate	15.52	149	736722	44.125	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	439377	44.223	ng		95
62) 4-Nitroaniline	15.76	138	183387	44.505	ng		98
63) Azobenzene	16.03	77	588533	43.152	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	151288	53.665	ng		88
66) n-Nitrosodiphenylamine	15.95	169	678978	44.036	ng		96
67) 4-Bromophenyl-phenylether	16.64	248	297927	42.729	ng		95
68) Hexachlorobenzene	16.76	284	299941	41.119	ng		96
69) Atrazine	16.90	200	262897	43.396	ng		99
70) Pentachlorophenol	17.10	266	415527	100.275	ng		98
71) Phenanthrene	17.50	178	1211318	44.645	ng		96
72) Anthracene	17.58	178	1227695	45.370	ng		96
73) Carbazole	17.85	167	1100025	45.292	ng		96
74) Di-n-butylphthalate	18.41	149	1258996	45.725	ng		96
75) Fluoranthene	19.50	202	1533750	46.506	ng		93
77) Benzidine	19.68	184	698251	37.028	ng		100
78) Pyrene	19.86	202	1544010	45.107	ng		93
80) Butylbenzylphthalate	20.75	149	606712	46.230	ng		90
81) Benzo(a)anthracene	21.71	228	1512855	44.259	ng		95
82) 3,3'-Dichlorobenzidine	21.63	252	446855	32.561	ng		98
83) Chrysene	21.78	228	1469591	44.852	ng		96
84) Bis(2-ethylhexyl)phthalate	21.63	149	837984	46.289	ng		99
85) Di-n-octyl phthalate	22.86	149	1450351	47.604	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.74	276	1948107	44.914	ng	#	91
88) Benzo(b)fluoranthene	23.96	252	1688367	49.583	ng		97
89) Benzo(k)fluoranthene	24.04	252	1624298	48.970	ng	#	96
90) Benzo(a)pyrene	24.85	252	1657267	50.747	ng	#	95
91) Dibenzo(a,h)anthracene	28.81	278	1606677	50.104	ng	#	96
92) Benzo(g,h,i)perylene	29.90	276	1612233	50.324	ng	#	95

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

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