Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041129.D
Acq On : 8 Jun 2019 12:20
Operator : HP/JU
Sample : PB120423BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120423BS

Quant Time: Jun 09 23:15:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37706	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	157017	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	122901	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	327439	20.00	ng	0.00
76) Chrysene-d12	21.76	240	329489	20.00	ng	0.00
87) Perylene-d12	25.08	264	344758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	297355	142.20	ng	0.00
7) Phenol-d6	7.25	99	428930	132.82	ng	0.00
23) Nitrobenzene-d5	9.28	82	284808	80.52	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	245691	134.66	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	694996	81.44	ng	0.00
79) Terphenyl-d14	20.07	244	1336555	86.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	37612	39.639	ng	# 89
3) Pyridine	3.90	79	100125	35.661	ng	94
4) n-Nitrosodimethylamine	3.82	42	55950	42.937	ng	86
6) Aniline	7.42	93	143627	33.320	ng	98
8) 2-Chlorophenol	7.67	128	123089	49.375	ng	97
9) Benzaldehyde	7.24	77	36045	18.711	ng	88
10) Phenol	7.28	94	167436	48.356	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	107481	42.788	ng	99
12) 1,3-Dichlorobenzene	7.99	146	123139	41.357	ng	95
13) 1,4-Dichlorobenzene	8.14	146	127414	42.276	ng	97
14) 1,2-Dichlorobenzene	8.46	146	121383	41.480	ng	97
15) Benzyl Alcohol	8.35	79	137071	45.884	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	166212	40.494	ng	97
17) 2-Methylphenol	8.54	107	118617	47.313	ng	99
18) Hexachloroethane	9.19	117	47310	40.729	ng	98
19) n-Nitroso-di-n-propylamine	8.90	70	104481	42.041	ng	99
20) 3+4-Methylphenols	8.87	107	164150	47.268	ng	99
22) Acetophenone	8.93	105	196836	44.689	ng	97
24) Nitrobenzene	9.32	77	164420	45.616	ng	99
25) Isophorone	9.84	82	302388	44.924	ng	99
26) 2-Nitrophenol	10.03	139	74135	49.891	ng	95
27) 2,4-Dimethylphenol	10.08	122	130439	53.151	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	158772	43.704	ng	99
29) 2,4-Dichlorophenol	10.57	162	147641	47.375	ng	92
30) 1,2,4-Trichlorobenzene	10.79	180	154340	43.535	ng	97
31) Naphthalene	10.98	128	384324	45.588	ng	98
32) Benzoic acid	10.23	122	87171	46.074	ng	97
33) 4-Chloroaniline	11.08	127	101448	25.935	ng	94
34) Hexachlorobutadiene	11.24	225	111087	40.952	ng	94
35) Caprolactam	11.87	113	50320m	48.896	ng	
36) 4-Chloro-3-methylphenol	12.19	107	173673	48.796	ng	98
37) 2-Methylnaphthalene	12.57	142	301936	46.502	ng	97
38) 1-Methylnaphthalene	12.79	142	286456	46.818	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	218761	44.162	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	270113	99.233	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	148903	46.466	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	160212	47.405	ng		98
46) 1,1'-Biphenyl	13.57	154	418987	46.056	ng		99
47) 2-Chloronaphthalene	13.62	162	343995	44.046	ng		99
48) 2-Nitroaniline	13.83	65	125038	44.628	ng		99
49) Acenaphthylene	14.46	152	550193	46.807	ng		99
50) Dimethylphthalate	14.19	163	469462	45.125	ng		99
51) 2,6-Dinitrotoluene	14.32	165	105886	47.205	ng		97
52) Acenaphthene	14.80	154	319406	44.856	ng		99
53) 3-Nitroaniline	14.65	138	74981	33.428	ng		99
54) 2,4-Dinitrophenol	14.86	184	141883	106.470	ng		99
55) Dibenzofuran	15.13	168	565900	47.230	ng		99
56) 4-Nitrophenol	14.94	139	169860	110.405	ng		94
57) 2,4-Dinitrotoluene	15.10	165	155253	48.998	ng		98
58) Fluorene	15.78	166	444632	46.597	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	168724	50.801	ng		99
60) Diethylphthalate	15.54	149	487706	45.936	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	284509	45.872	ng		96
62) 4-Nitroaniline	15.81	138	107665	45.339	ng		95
63) Azobenzene	16.06	77	448510	46.478	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	98067	54.479	ng		96
66) n-Nitrosodiphenylamine	15.98	169	414729	45.056	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	186651	42.239	ng		99
68) Hexachlorobenzene	16.77	284	194697	41.377	ng		100
69) Atrazine	16.92	200	176679	49.745	ng		95
70) Pentachlorophenol	17.12	266	240260	94.500	ng		99
71) Phenanthrene	17.52	178	777207	45.569	ng		98
72) Anthracene	17.61	178	799137	47.507	ng		99
73) Carbazole	17.89	167	690539	47.842	ng		99
74) Di-n-butylphthalate	18.42	149	814137	45.383	ng		99
75) Fluoranthene	19.53	202	1015562	48.207	ng		99
77) Benzidine	19.71	184	422178	53.712	ng		97
78) Pyrene	19.89	202	1005718	46.955	ng		99
80) Butylbenzylphthalate	20.76	149	384358	46.112	ng		97
81) Benzo(a)anthracene	21.74	228	987836	45.039	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	245240	31.790	ng		100
83) Chrysene	21.81	228	968066	46.123	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	535262	45.617	ng		99
85) Di-n-octyl phthalate	22.85	149	905812	46.352	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1178217	45.826	ng	#	99
88) Benzo(b)fluoranthene	24.02	252	1012207	48.406	ng		100
89) Benzo(k)fluoranthene	24.09	252	976801	47.205	ng		99
90) Benzo(a)pyrene	24.93	252	986844	49.465	ng		98
91) Dibenzo(a,h)anthracene	28.98	278	976692	48.995	ng		99
92) Benzo(g,h,i)perylene	30.12	276	977216	50.458	ng		98

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

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