Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
Data File : BG040548.D
Acq On : 18 Apr 2019 3:14
Operator : JU/SJ
Sample : PB118988BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118988BS

Quant Time: Apr 18 10:37:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41291	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	167005	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	117375	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	339332	20.00	ng		0.00
76) Chrysene-d12	21.69	240	315146	20.00	ng		0.00
87) Perylene-d12	24.96	264	360753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	305437	122.97	ng		0.00
7) Phenol-d6	7.20	99	430884	125.53	ng		0.00
23) Nitrobenzene-d5	9.22	82	251543	80.06	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	185837	146.50	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	601511	75.94	ng		0.00
79) Terphenyl-d14	20.01	244	1193312	85.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	38765	33.191	ng		97
3) Pyridine	3.89	79	101893	32.403	ng		94
4) n-Nitrosodimethylamine	3.81	42	51194	35.195	ng	#	93
6) Aniline	7.36	93	62699	14.059	ng		96
8) 2-Chlorophenol	7.61	128	106042	36.472	ng		97
9) Benzaldehyde	7.19	77	37998	16.138	ng		95
10) Phenol	7.22	94	144444	38.768	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	101113	33.883	ng		97
12) 1,3-Dichlorobenzene	7.93	146	110395	34.928	ng		97
13) 1,4-Dichlorobenzene	8.08	146	111454	35.405	ng		98
14) 1,2-Dichlorobenzene	8.39	146	105705	35.113	ng		98
15) Benzyl Alcohol	8.28	79	95764	34.641	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	200688	35.041	ng		98
17) 2-Methylphenol	8.48	107	97124	37.671	ng		95
18) Hexachloroethane	9.12	117	40168	33.546	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	82197	33.398	ng		97
20) 3+4-Methylphenols	8.81	107	133954	38.353	ng		99
22) Acetophenone	8.87	105	162056	38.900	ng	#	98
24) Nitrobenzene	9.26	77	124684	38.322	ng		92
25) Isophorone	9.77	82	250666	38.774	ng		97
26) 2-Nitrophenol	9.97	139	57119	37.050	ng		98
27) 2,4-Dimethylphenol	10.01	122	112505	45.942	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	142104	37.154	ng		98
29) 2,4-Dichlorophenol	10.50	162	111976	42.127	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	107931	36.980	ng		95
31) Naphthalene	10.91	128	333259	38.931	ng		99
32) Benzoic acid	10.21	122	12458m	8.420	ng		
33) 4-Chloroaniline	11.03	127	57511	15.750	ng		95
34) Hexachlorobutadiene	11.17	225	62688	33.584	ng		97
35) Caprolactam	11.80	113	54641	51.801	ng		100
36) 4-Chloro-3-methylphenol	12.14	107	142199	46.535	ng		100
37) 2-Methylnaphthalene	12.51	142	251387	39.707	ng		98
38) 1-Methylnaphthalene	12.72	142	247220	40.269	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	126543	33.920	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	139911	68.304	ng		94
43) 2,4,6-Trichlorophenol	13.11	196	97392	40.492	ng		94
44) 2,4,5-Trichlorophenol	13.19	196	105793	40.354	ng		98
46) 1,1'-Biphenyl	13.50	154	337758	36.419	ng		98
47) 2-Chloronaphthalene	13.56	162	262040	36.835	ng		97
48) 2-Nitroaniline	13.77	65	107256	44.698	ng		95
49) Acenaphthylene	14.40	152	469751	38.947	ng		100
50) Dimethylphthalate	14.12	163	410067	44.639	ng		98
51) 2,6-Dinitrotoluene	14.26	165	92481	44.836	ng		97
52) Acenaphthene	14.74	154	271437	39.274	ng		98
53) 3-Nitroaniline	14.59	138	35213	16.128	ng		88
54) 2,4-Dinitrophenol	14.81	184	17780	16.208	ng	#	86
55) Dibenzofuran	15.07	168	463022	41.693	ng		98
56) 4-Nitrophenol	14.90	139	152502	86.543	ng		97
57) 2,4-Dinitrotoluene	15.04	165	138594	48.357	ng		99
58) Fluorene	15.72	166	376430	43.112	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	107312	45.108	ng		96
60) Diethylphthalate	15.47	149	444679	47.305	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	196070	42.010	ng		95
62) 4-Nitroaniline	15.75	138	109384	46.683	ng		92
63) Azobenzene	16.00	77	405331	45.713	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	35335	18.535	ng		95
66) n-Nitrosodiphenylamine	15.93	169	369388	37.200	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	132855	34.791	ng		97
68) Hexachlorobenzene	16.71	284	140223	36.521	ng		95
69) Atrazine	16.87	200	143788	38.927	ng		96
70) Pentachlorophenol	17.07	266	119994	54.057	ng		97
71) Phenanthrene	17.46	178	691191	38.753	ng		99
72) Anthracene	17.55	178	713964	39.993	ng		100
73) Carbazole	17.83	167	682337	40.386	ng		99
74) Di-n-butylphthalate	18.36	149	828856	41.387	ng		99
75) Fluoranthene	19.47	202	883306	41.823	ng		99
77) Benzidine	19.66	184	193737	17.024	ng		96
78) Pyrene	19.83	202	878927	42.410	ng		99
80) Butylbenzylphthalate	20.70	149	400498	45.161	ng		99
81) Benzo(a)anthracene	21.67	228	815110	41.992	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	146677	19.864	ng		98
83) Chrysene	21.74	228	801296	42.952	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	567477	44.765	ng		99
85) Di-n-octyl phthalate	22.75	149	975971	45.187	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	993779	43.555	ng		99
88) Benzo(b)fluoranthene	23.92	252	875199	39.626	ng		98
89) Benzo(k)fluoranthene	23.99	252	850976	41.897	ng		98
90) Benzo(a)pyrene	24.81	252	855191	41.268	ng		99
91) Dibenzo(a,h)anthracene	28.79	278	806559	41.906	ng		96
92) Benzo(g,h,i)perylene	29.91	276	821843	41.549	ng		98

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

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