Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038784.D
Acq On : 21 Dec 2018 13:25
Operator : JU/SJ
Sample : PB115587BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115587BS

Quant Time: Dec 21 14:05:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23048	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	92819	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	64986	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	172138	20.00	ng		0.00
76) Chrysene-d12	21.72	240	174158	20.00	ng		0.00
87) Perylene-d12	25.03	264	182801	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	148485	114.27	ng		0.00
7) Phenol-d6	7.22	99	203734	114.21	ng		0.01
23) Nitrobenzene-d5	9.23	82	105884	58.28	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	113692	126.94	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	280460	59.20	ng		0.00
79) Terphenyl-d14	20.04	244	610475	76.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	23093	38.184	ng		93
3) Pyridine	3.89	79	51705	31.052	ng		95
4) n-Nitrosodimethylamine	3.82	42	31261	38.316	ng	#	92
6) Aniline	7.38	93	66545	29.221	ng		97
8) 2-Chlorophenol	7.62	128	63539	42.253	ng		93
9) Benzaldehyde	7.20	77	18577	16.053	ng		93
10) Phenol	7.24	94	79802	42.107	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	54079	35.840	ng		96
12) 1,3-Dichlorobenzene	7.94	146	67662	38.054	ng		95
13) 1,4-Dichlorobenzene	8.09	146	67385	37.004	ng		96
14) 1,2-Dichlorobenzene	8.41	146	65820	38.340	ng		98
15) Benzyl Alcohol	8.30	79	56204	40.364	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	110066	31.843	ng		97
17) 2-Methylphenol	8.50	107	54549	42.959	ng		97
18) Hexachloroethane	9.14	117	24068	36.170	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	45296	36.152	ng		92
20) 3+4-Methylphenols	8.83	107	74283	42.360	ng		96
22) Acetophenone	8.89	105	88569	38.202	ng	#	96
24) Nitrobenzene	9.28	77	69039	37.562	ng		93
25) Isophorone	9.79	82	125278	38.377	ng		98
26) 2-Nitrophenol	9.99	139	35652	37.898	ng		93
27) 2,4-Dimethylphenol	10.03	122	63770	47.300	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	71123	38.608	ng		98
29) 2,4-Dichlorophenol	10.52	162	69578	46.389	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	72337	39.928	ng		97
31) Naphthalene	10.93	128	196044	42.867	ng		100
32) Benzoic acid	10.18	122	30091	37.862	ng		98
33) 4-Chloroaniline	11.04	127	52368	26.375	ng		96
34) Hexachlorobutadiene	11.19	225	47957	39.120	ng		97
35) Caprolactam	11.83	113	24161	38.925	ng		93
36) 4-Chloro-3-methylphenol	12.15	107	73139	42.731	ng		92
37) 2-Methylnaphthalene	12.53	142	150000	45.975	ng		99
38) 1-Methylnaphthalene	12.75	142	140669	44.431	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	91290	37.581	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	103383	77.466 ng		96
43) 2,4,6-Trichlorophenol	13.13	196	63929	42.802 ng		98
44) 2,4,5-Trichlorophenol	13.20	196	71721	45.353 ng		97
46) 1,1'-Biphenyl	13.53	154	198393	36.416 ng		96
47) 2-Chloronaphthalene	13.58	162	161821	38.453 ng		98
48) 2-Nitroaniline	13.79	65	52830	39.413 ng		90
49) Acenaphthylene	14.42	152	265659	42.228 ng		99
50) Dimethylphthalate	14.15	163	216377	40.772 ng		99
51) 2,6-Dinitrotoluene	14.28	165	48775	40.556 ng		92
52) Acenaphthene	14.76	154	151675	40.319 ng		99
53) 3-Nitroaniline	14.62	138	38522	31.422 ng		89
54) 2,4-Dinitrophenol	14.82	184	46879	66.450 ng		99
55) Dibenzofuran	15.10	168	262238	40.667 ng		100
56) 4-Nitrophenol	14.92	139	76684	82.452 ng		98
57) 2,4-Dinitrotoluene	15.07	165	72327	42.699 ng		90
58) Fluorene	15.74	166	213796	44.750 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	69257	48.678 ng		94
60) Diethylphthalate	15.50	149	225770	38.753 ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	122634	41.140 ng		97
62) 4-Nitroaniline	15.78	138	52576	41.656 ng		96
63) Azobenzene	16.02	77	190028	39.045 ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40867	33.281 ng		88
66) n-Nitrosodiphenylamine	15.95	169	198942	39.334 ng		99
67) 4-Bromophenyl-phenylether	16.62	248	81983	38.997 ng		97
68) Hexachlorobenzene	16.74	284	87802	40.290 ng		95
69) Atrazine	16.89	200	81459	43.398 ng		99
70) Pentachlorophenol	17.09	266	91987	71.363 ng		96
71) Phenanthrene	17.49	178	381332	42.719 ng		99
72) Anthracene	17.58	178	391057	44.376 ng		100
73) Carbazole	17.85	167	338818	38.877 ng		99
74) Di-n-butylphthalate	18.38	149	403873	40.386 ng		100
75) Fluoranthene	19.50	202	467146	42.297 ng		97
77) Benzidine	19.68	184	205756	39.948 ng		99
78) Pyrene	19.86	202	464761	40.395 ng		100
80) Butylbenzylphthalate	20.73	149	178365	39.681 ng		98
81) Benzo(a)anthracene	21.71	228	451614	42.556 ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	124656	29.617 ng		99
83) Chrysene	21.77	228	420308	41.119 ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	248450	38.972 ng		97
85) Di-n-octyl phthalate	22.80	149	426079	39.907 ng		98
86) Indeno(1,2,3-cd)pyrene	28.82	276	491642	40.911 ng	#	85
88) Benzo(b)fluoranthene	23.97	252	445134	44.351 ng		99
89) Benzo(k)fluoranthene	24.04	252	427187	42.743 ng		99
90) Benzo(a)pyrene	24.87	252	431775	44.593 ng		99
91) Dibenzo(a,h)anthracene	28.87	278	412535	42.791 ng		99
92) Benzo(g,h,i)perylene	30.00	276	406795	42.816 ng		95

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

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