Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038968.D
Acq On : 7 Jan 2019 15:56
Operator : JU/SJ
Sample : PB116197BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116197BS

Manual Integrations APPROVED
Sohil
1/8/2019 4:49:09 PM

Quant Time: Jan 08 03:20:29 2019
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	8.04	152	27435	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	108878	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	75753	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	188053	20.00	ng		0.00
76) Chrysene-d12	21.71	240	192299	20.00	ng		-0.02
87) Perylene-d12	25.00	264	182261	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	186434	120.53	ng		0.00
7) Phenol-d6	7.21	99	254290	119.75	ng		0.00
23) Nitrobenzene-d5	9.23	82	130196	61.09	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	135851	130.12	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	350615	63.49	ng		-0.02
79) Terphenyl-d14	20.03	244	708183	80.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	34273	47.608	ng		99
3) Pyridine	3.88	79	58708	29.620	ng		99
4) n-Nitrosodimethylamine	3.81	42	36941	38.038	ng		94
6) Aniline	7.37	93	83090	30.652	ng		98
8) 2-Chlorophenol	7.61	128	78752	43.995	ng		96
9) Benzaldehyde	7.19	77	12097	8.782	ng		93
10) Phenol	7.24	94	98833	43.810	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	63730	35.482	ng		89
12) 1,3-Dichlorobenzene	7.93	146	79173	37.408	ng		96
13) 1,4-Dichlorobenzene	8.08	146	82686	38.146	ng		98
14) 1,2-Dichlorobenzene	8.40	146	78685	38.505	ng		98
15) Benzyl Alcohol	8.29	79	70928	42.793	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	133070	32.342	ng		96
17) 2-Methylphenol	8.49	107	68374	45.237	ng		99
18) Hexachloroethane	9.12	117	28952	36.552	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	55555	37.250	ng		93
20) 3+4-Methylphenols	8.82	107	93862	44.966	ng		99
22) Acetophenone	8.88	105	112540	41.382	ng		94
24) Nitrobenzene	9.27	77	86024	39.900	ng		96
25) Isophorone	9.78	82	155757	40.676	ng		99
26) 2-Nitrophenol	9.98	139	46547	42.182	ng		94
27) 2,4-Dimethylphenol	10.03	122	78270	49.492	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	90985	42.105	ng		99
29) 2,4-Dichlorophenol	10.51	162	87918	49.971	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	92252	43.410	ng		93
31) Naphthalene	10.91	128	239572	44.659	ng		99
32) Benzoic acid	10.18	122	45357m	45.756	ng		
33) 4-Chloroaniline	11.03	127	70148	30.119	ng		98
34) Hexachlorobutadiene	11.17	225	61659	42.879	ng		95
35) Caprolactam	11.82	113	30020m	41.230	ng		
36) 4-Chloro-3-methylphenol	12.15	107	89390	44.523	ng		95
37) 2-Methylnaphthalene	12.52	142	184179	48.125	ng		99
38) 1-Methylnaphthalene	12.73	142	175345	47.215	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	113973	40.250	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	12.84	237	135432	87.057	ng		92
43) 2,4,6-Trichlorophenol	13.12	196	80109	46.012	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	83490	45.292	ng		97
46) 1,1'-Biphenyl	13.51	154	245687	38.688	ng		99
47) 2-Chloronaphthalene	13.57	162	197247	40.210	ng		97
48) 2-Nitroaniline	13.78	65	59129	37.842	ng		92
49) Acenaphthylene	14.41	152	319587	43.579	ng		99
50) Dimethylphthalate	14.14	163	259634	41.970	ng		99
51) 2,6-Dinitrotoluene	14.27	165	58549	41.764	ng		90
52) Acenaphthene	14.75	154	183746	41.902	ng		97
53) 3-Nitroaniline	14.61	138	42923	30.035	ng		98
54) 2,4-Dinitrophenol	14.81	184	73087	87.126	ng		98
55) Dibenzofuran	15.08	168	314573	41.849	ng		97
56) 4-Nitrophenol	14.92	139	88258	81.409	ng		97
57) 2,4-Dinitrotoluene	15.05	165	82428	41.746	ng		95
58) Fluorene	15.73	166	255255	45.834	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	80437	48.501	ng		97
60) Diethylphthalate	15.49	149	263761	38.839	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	143867	41.404	ng		97
62) 4-Nitroaniline	15.77	138	60955	41.431	ng		99
63) Azobenzene	16.01	77	215877	38.052	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	57027	42.511	ng		86
66) n-Nitrosodiphenylamine	15.93	169	229371	41.512	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	97928	42.639	ng		97
68) Hexachlorobenzene	16.73	284	103157	43.330	ng		98
69) Atrazine	16.88	200	94767	46.215	ng		96
70) Pentachlorophenol	17.08	266	108333	76.931	ng		97
71) Phenanthrene	17.47	178	438747	44.992	ng		99
72) Anthracene	17.57	178	438502	45.549	ng		99
73) Carbazole	17.84	167	394939	41.481	ng		99
74) Di-n-butylphthalate	18.37	149	454839	41.633	ng		99
75) Fluoranthene	19.48	202	546408	45.286	ng		98
77) Benzidine	19.67	184	191540	33.680	ng		99
78) Pyrene	19.85	202	541306	42.610	ng		98
80) Butylbenzylphthalate	20.71	149	210116	42.335	ng		97
81) Benzo(a)anthracene	21.69	228	525035	44.807	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	143258	30.826	ng		98
83) Chrysene	21.76	228	489921	43.408	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	286491	40.699	ng		97
85) Di-n-octyl phthalate	22.78	149	482843	40.957	ng		97
86) Indeno(1,2,3-cd)pyrene	28.78	276	572009	43.108	ng	#	73
88) Benzo(b)fluoranthene	23.95	252	521101	52.074	ng		99
89) Benzo(k)fluoranthene	24.02	252	493385	49.513	ng		97
90) Benzo(a)pyrene	24.85	252	494683	51.241	ng	#	98
91) Dibenzo(a,h)anthracene	28.84	278	477096	49.634	ng		98
92) Benzo(g,h,i)perylene	29.97	276	477561	50.413	ng		96

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

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