Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039190.D
Acq On : 17 Jan 2019 17:22
Operator : JU/SJ
Sample : PB116427BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116427BS

Manual Integrations APPROVED
Sohil
1/18/2019 11:24:06 AM

Quant Time: Jan 18 04:38:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	20334	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	78129	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	55290	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	154288	20.00	ng	0.00
76) Chrysene-d12	21.68	240	171181	20.00	ng	0.00
87) Perylene-d12	24.95	264	182197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	135405	126.32	ng	0.00
7) Phenol-d6	7.17	99	181524	117.67	ng	0.00
23) Nitrobenzene-d5	9.19	82	98426	68.93	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	94976	102.48	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	291072	72.05	ng	0.00
79) Terphenyl-d14	20.01	244	606025	65.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	12423	29.595	ng	95
3) Pyridine	3.85	79	33655	29.507	ng	96
4) n-Nitrosodimethylamine	3.77	42	20475	39.892	ng	98
6) Aniline	7.34	93	39359	21.245	ng	96
8) 2-Chlorophenol	7.57	128	42407	33.561	ng	96
9) Benzaldehyde	7.16	77	18081	20.324	ng	98
10) Phenol	7.20	94	61118	39.518	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	36280	30.692	ng	98
12) 1,3-Dichlorobenzene	7.90	146	45538	30.080	ng	98
13) 1,4-Dichlorobenzene	8.05	146	46836	30.547	ng	98
14) 1,2-Dichlorobenzene	8.37	146	53611	36.673	ng	98
15) Benzyl Alcohol	8.26	79	44798	38.562	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	87050	38.405	ng	99
17) 2-Methylphenol	8.46	107	43687	40.680	ng	97
18) Hexachloroethane	9.09	117	17720	34.019	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	36481	36.013	ng	93
20) 3+4-Methylphenols	8.78	107	61385	40.091	ng	92
22) Acetophenone	8.84	105	73948	36.243	ng	99
24) Nitrobenzene	9.24	77	45442	31.487	ng	95
25) Isophorone	9.75	82	84298	34.275	ng	100
26) 2-Nitrophenol	9.94	139	24662	31.593	ng	95
27) 2,4-Dimethylphenol	9.99	122	42441	38.645	ng	91
28) bis(2-Chloroethoxy)methane	10.23	93	50081	33.881	ng	98
29) 2,4-Dichlorophenol	10.48	162	48219	35.342	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	52279	31.891	ng	98
31) Naphthalene	10.88	128	133426	34.050	ng	99
32) Benzoic acid	10.17	122	11462m	23.077	ng	
33) 4-Chloroaniline	11.01	127	19188	10.944	ng	95
34) Hexachlorobutadiene	11.14	225	35992	31.908	ng	99
35) Caprolactam	11.77	113	16045m	29.327	ng	
36) 4-Chloro-3-methylphenol	12.12	107	52809	36.189	ng	91
37) 2-Methylnaphthalene	12.49	142	108086	36.791	ng	99
38) 1-Methylnaphthalene	12.70	142	102219	36.249	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	68705	33.088	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	76812	66.707	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	46352	35.468	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	48278	34.952	ng		97
46) 1,1'-Biphenyl	13.48	154	144830	33.058	ng		96
47) 2-Chloronaphthalene	13.54	162	113185	31.926	ng		98
48) 2-Nitroaniline	13.75	65	31623	31.839	ng		96
49) Acenaphthylene	14.38	152	182042	34.162	ng		99
50) Dimethylphthalate	14.11	163	153976	32.955	ng		99
51) 2,6-Dinitrotoluene	14.24	165	34601	33.124	ng		96
52) Acenaphthene	14.72	154	102649	32.061	ng		95
53) 3-Nitroaniline	14.58	138	17447	16.464	ng		95
54) 2,4-Dinitrophenol	14.79	184	35998	59.145	ng		94
55) Dibenzofuran	15.05	168	178183	31.512	ng		98
56) 4-Nitrophenol	14.89	139	51859	68.015	ng		97
57) 2,4-Dinitrotoluene	15.03	165	48416	32.306	ng		96
58) Fluorene	15.71	166	146794	34.489	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.28	232	44662	34.254	ng		98
60) Diethylphthalate	15.46	149	152441	31.667	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	83513	31.144	ng		97
62) 4-Nitroaniline	15.74	138	36288	32.872	ng		96
63) Azobenzene	15.98	77	117729	31.273	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	32421	28.363	ng		97
66) n-Nitrosodiphenylamine	15.91	169	133188	29.119	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	56634	28.555	ng		94
68) Hexachlorobenzene	16.70	284	60997	28.185	ng		95
69) Atrazine	16.85	200	59719	30.735	ng		95
70) Pentachlorophenol	17.06	266	73375	56.697	ng		97
71) Phenanthrene	17.45	178	276393	33.892	ng		98
72) Anthracene	17.54	178	287019	35.596	ng		100
73) Carbazole	17.81	167	251245	31.564	ng		99
74) Di-n-butylphthalate	18.34	149	304994	34.442	ng		98
75) Fluoranthene	19.46	202	364827	36.086	ng		100
77) Benzidine	19.64	184	85109	16.255	ng		99
78) Pyrene	19.82	202	365431	33.498	ng		99
80) Butylbenzylphthalate	20.69	149	135121	32.566	ng		99
81) Benzo(a)anthracene	21.66	228	363234	34.857	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	77929	18.354	ng		97
83) Chrysene	21.73	228	337980	34.102	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	196673	34.138	ng		95
85) Di-n-octyl phthalate	22.74	149	322086	33.063	ng		99
86) Indeno(1,2,3-cd)pyrene	28.69	276	425445	35.925	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	407645	40.577	ng		99
89) Benzo(k)fluoranthene	23.97	252	405819	40.855	ng		96
90) Benzo(a)pyrene	24.79	252	367660	37.862	ng		97
91) Dibenzo(a,h)anthracene	28.74	278	353971	36.648	ng		99
92) Benzo(g,h,i)perylene	29.87	276	362537	37.914	ng		98

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

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