Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039188.D
Acq On : 17 Jan 2019 16:04
Operator : JU/SJ
Sample : PB116414BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116414BS

Manual Integrations APPROVED
Sohil
1/18/2019 11:24:01 AM

Quant Time: Jan 18 04:34:57 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	22093	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	82900	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	48735	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	135916	20.00	ng	0.00
76) Chrysene-d12	21.68	240	163640	20.00	ng	0.00
87) Perylene-d12	24.94	264	175141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	166893	143.30	ng	0.00
7) Phenol-d6	7.18	99	195670	116.74	ng	0.00
23) Nitrobenzene-d5	9.19	82	127802	84.36	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	105417	129.04	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	280606	78.80	ng	0.00
79) Terphenyl-d14	20.01	244	689387	77.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	24391	53.480	ng	# 91
3) Pyridine	3.85	79	41511	33.497	ng	98
4) n-Nitrosodimethylamine	3.77	42	23472	42.090	ng	88
6) Aniline	7.34	93	54465	27.058	ng	97
8) 2-Chlorophenol	7.58	128	52950	38.569	ng	99
9) Benzaldehyde	7.16	77	14951	15.468	ng	96
10) Phenol	7.20	94	67758	40.323	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	44647	34.764	ng	99
12) 1,3-Dichlorobenzene	7.90	146	64524	39.228	ng	97
13) 1,4-Dichlorobenzene	8.05	146	65014	39.027	ng	98
14) 1,2-Dichlorobenzene	8.36	146	61396	38.654	ng	97
15) Benzyl Alcohol	8.26	79	49299	39.058	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.53	45	100141	40.663	ng	98
17) 2-Methylphenol	8.46	107	49941	42.801	ng	98
18) Hexachloroethane	9.09	117	22563	39.867	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	41756	37.938	ng	93
20) 3+4-Methylphenols	8.79	107	69112	41.544	ng	98
22) Acetophenone	8.85	105	86031	39.738	ng	# 96
24) Nitrobenzene	9.23	77	65021	42.461	ng	97
25) Isophorone	9.74	82	114826	44.000	ng	99
26) 2-Nitrophenol	9.94	139	32956	39.788	ng	99
27) 2,4-Dimethylphenol	9.99	122	55744	47.837	ng	87
28) bis(2-Chloroethoxy)methane	10.23	93	67700	43.165	ng	98
29) 2,4-Dichlorophenol	10.48	162	62867	43.427	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	66976	38.505	ng	98
31) Naphthalene	10.88	128	180410	43.391	ng	98
32) Benzoic acid	10.16	122	16008m	27.387	ng	
33) 4-Chloroaniline	11.00	127	35415	19.036	ng	96
34) Hexachlorobutadiene	11.14	225	45070	37.657	ng	98
35) Caprolactam	11.78	113	19725m	33.979	ng	
36) 4-Chloro-3-methylphenol	12.12	107	58973	38.087	ng	92
37) 2-Methylnaphthalene	12.48	142	119353	38.288	ng	98
38) 1-Methylnaphthalene	12.70	142	109900	36.730	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	72182	39.438	ng	98

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	84159	81.525	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	46464	40.336	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	52374	43.018	ng		99
46) 1,1'-Biphenyl	13.49	154	150863	39.067	ng		97
47) 2-Chloronaphthalene	13.53	162	120457	38.547	ng		96
48) 2-Nitroaniline	13.75	65	34774	39.721	ng		95
49) Acenaphthylene	14.38	152	196669	41.871	ng		100
50) Dimethylphthalate	14.10	163	164430	39.926	ng		99
51) 2,6-Dinitrotoluene	14.24	165	36448	39.585	ng		98
52) Acenaphthene	14.72	154	117819	41.749	ng		96
53) 3-Nitroaniline	14.58	138	24327	26.045	ng	#	93
54) 2,4-Dinitrophenol	14.79	184	41407	75.540	ng		98
55) Dibenzofuran	15.06	168	197681	39.662	ng		99
56) 4-Nitrophenol	14.89	139	57155	85.043	ng		96
57) 2,4-Dinitrotoluene	15.03	165	53444	40.458	ng		96
58) Fluorene	15.70	166	154665	41.226	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.28	232	48686	42.362	ng		99
60) Diethylphthalate	15.46	149	165283	38.953	ng		100
61) 4-Chlorophenyl-phenylether	15.69	204	88688	37.523	ng		98
62) 4-Nitroaniline	15.74	138	36307	37.313	ng		93
63) Azobenzene	15.98	77	129296	38.965	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	33578	33.346	ng		99
66) n-Nitrosodiphenylamine	15.91	169	144572	35.881	ng		96
67) 4-Bromophenyl-phenylether	16.58	248	63304	36.233	ng		98
68) Hexachlorobenzene	16.70	284	67533	35.423	ng		98
69) Atrazine	16.85	200	65592	38.320	ng		95
70) Pentachlorophenol	17.05	266	66260	57.974	ng		99
71) Phenanthrene	17.45	178	294975	41.059	ng		97
72) Anthracene	17.54	178	302352	42.566	ng		100
73) Carbazole	17.81	167	277660	39.597	ng		99
74) Di-n-butylphthalate	18.34	149	345001	44.227	ng		99
75) Fluoranthene	19.46	202	429689	48.247	ng		100
77) Benzidine	19.65	184	157307	31.429	ng		98
78) Pyrene	19.82	202	438763	42.073	ng		99
80) Butylbenzylphthalate	20.69	149	163102	41.121	ng		97
81) Benzo(a)anthracene	21.66	228	431087	43.275	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	97946	24.132	ng		96
83) Chrysene	21.72	228	391556	41.328	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	225279	40.905	ng		97
85) Di-n-octyl phthalate	22.74	149	389605	41.837	ng		99
86) Indeno(1,2,3-cd)pyrene	28.68	276	482166	42.591	ng		99
88) Benzo(b)fluoranthene	23.90	252	437944	45.349	ng		99
89) Benzo(k)fluoranthene	23.98	252	424415	44.449	ng		99
90) Benzo(a)pyrene	24.79	252	420248	45.021	ng		99
91) Dibenzo(a,h)anthracene	28.74	278	397953	42.861	ng		99
92) Benzo(g,h,i)perylene	29.87	276	409784	44.582	ng		96

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

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