Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039271.D
Acq On : 23 Jan 2019 20:08
Operator : JU/SJ
Sample : PB116574BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116574BS

Manual Integrations APPROVED
Sohil
1/24/2019 12:16:18 PM

Quant Time: Jan 24 00:38:07 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	14522	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	58693	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	42110	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	109133	20.00	ng		0.00
76) Chrysene-d12	21.67	240	111507	20.00	ng		0.00
87) Perylene-d12	24.93	264	114413	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	90872	118.70	ng		0.00
7) Phenol-d6	7.17	99	128880	116.98	ng		0.00
23) Nitrobenzene-d5	9.19	82	74603	69.55	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	71432	101.20	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	213804	69.49	ng		0.00
79) Terphenyl-d14	20.00	244	415792	68.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	7563	25.228	ng		88
3) Pyridine	3.84	79	24967	30.650	ng		91
4) n-Nitrosodimethylamine	3.76	42	14453	39.429	ng	#	89
6) Aniline	7.34	93	21240	16.053	ng		96
8) 2-Chlorophenol	7.57	128	33157	36.743	ng		97
9) Benzaldehyde	7.15	77	11674	18.374	ng		99
10) Phenol	7.20	94	42012	38.036	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	27237	32.264	ng		98
12) 1,3-Dichlorobenzene	7.89	146	33160	30.670	ng		99
13) 1,4-Dichlorobenzene	8.04	146	34123	31.163	ng		96
14) 1,2-Dichlorobenzene	8.36	146	31795	30.454	ng		97
15) Benzyl Alcohol	8.25	79	28987	34.938	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	50574	31.243	ng		98
17) 2-Methylphenol	8.45	107	27675	36.084	ng		96
18) Hexachloroethane	9.08	117	11903	31.997	ng		86
19) n-Nitroso-di-n-propylamine	8.81	70	22589	31.224	ng	#	97
20) 3+4-Methylphenols	8.78	107	41094	37.580	ng		97
22) Acetophenone	8.84	105	48494	31.638	ng	#	96
24) Nitrobenzene	9.23	77	35299	32.559	ng		99
25) Isophorone	9.74	82	64672	35.003	ng		99
26) 2-Nitrophenol	9.94	139	19475	33.210	ng		97
27) 2,4-Dimethylphenol	9.99	122	32677	39.607	ng		96
28) bis(2-Chloroethoxy)methane	10.22	93	37814	34.053	ng		100
29) 2,4-Dichlorophenol	10.47	162	41016	40.018	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	37520	30.467	ng		97
31) Naphthalene	10.87	128	97333	33.065	ng		99
32) Benzoic acid	10.16	122	8774m	23.336	ng		
33) 4-Chloroaniline	11.00	127	18863	14.321	ng		98
34) Hexachlorobutadiene	11.13	225	24881	29.362	ng		96
35) Caprolactam	11.78	113	12788	31.114	ng		94
36) 4-Chloro-3-methylphenol	12.11	107	39912	36.408	ng		96
37) 2-Methylnaphthalene	12.48	142	78957	35.775	ng		99
38) 1-Methylnaphthalene	12.69	142	75373	35.580	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	49657	31.399	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	48236	56.008	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	34334	34.495	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	38000	36.122	ng		99
46) 1,1'-Biphenyl	13.48	154	105971	31.759	ng		99
47) 2-Chloronaphthalene	13.53	162	85416	31.634	ng		100
48) 2-Nitroaniline	13.75	65	25793	34.097	ng		95
49) Acenaphthylene	14.38	152	140787	34.689	ng		99
50) Dimethylphthalate	14.10	163	121129	34.039	ng		99
51) 2,6-Dinitrotoluene	14.23	165	26773	33.652	ng		96
52) Acenaphthene	14.71	154	79053	32.420	ng		97
53) 3-Nitroaniline	14.57	138	15490	19.193	ng		92
54) 2,4-Dinitrophenol	14.79	184	5469	16.110	ng		93
55) Dibenzofuran	15.04	168	139872	32.479	ng		99
56) 4-Nitrophenol	14.88	139	33948	58.460	ng		97
57) 2,4-Dinitrotoluene	15.02	165	36783	32.226	ng		95
58) Fluorene	15.70	166	113555	35.030	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.27	232	35014	35.259	ng		99
60) Diethylphthalate	15.45	149	117604	32.077	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	65766	32.202	ng		98
62) 4-Nitroaniline	15.74	138	25926	30.836	ng		96
63) Azobenzene	15.97	77	91159	31.794	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	11819	14.618	ng		98
66) n-Nitrosodiphenylamine	15.90	169	103301	31.930	ng		96
67) 4-Bromophenyl-phenylether	16.58	248	44219	31.521	ng		94
68) Hexachlorobenzene	16.70	284	46401	30.312	ng		95
69) Atrazine	16.84	200	43018	31.300	ng		96
70) Pentachlorophenol	17.05	266	52384	57.171	ng		92
71) Phenanthrene	17.44	178	192917	33.444	ng		99
72) Anthracene	17.53	178	195929	34.353	ng		99
73) Carbazole	17.81	167	169994	30.193	ng		100
74) Di-n-butylphthalate	18.34	149	203322	32.461	ng		98
75) Fluoranthene	19.45	202	254525	35.593	ng		98
77) Benzidine	19.63	184	42081	12.338	ng		98
78) Pyrene	19.82	202	251609	35.407	ng		99
80) Butylbenzylphthalate	20.68	149	91170	33.732	ng		99
81) Benzo(a)anthracene	21.65	228	242283	35.693	ng		97
82) 3,3'-Dichlorobenzidine	21.57	252	46781	16.915	ng		98
83) Chrysene	21.72	228	223801	34.666	ng		100
84) Bis(2-ethylhexyl)phthalate	21.51	149	128254	34.176	ng		95
85) Di-n-octyl phthalate	22.72	149	217665	34.301	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	281682	36.514	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	234218	37.126	ng		100
89) Benzo(k)fluoranthene	23.95	252	232816	37.325	ng		98
90) Benzo(a)pyrene	24.77	252	228336	37.445	ng		99
91) Dibenzo(a,h)anthracene	28.72	278	233162	38.442	ng		99
92) Benzo(g,h,i)perylene	29.83	276	233686	38.918	ng		97

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

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