Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
Data File : BG039280.D
Acq On : 25 Jan 2019 16:03
Operator : JU/SJ
Sample : PB116613BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116613BS

Manual Integrations APPROVED
mohammad
1/29/2019 12:25:52 AM

Quant Time: Jan 28 03:22:45 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	8.00	152	20945	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	74881	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	46522	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	133360	20.00	ng		0.00
76) Chrysene-d12	21.67	240	145095	20.00	ng		-0.01
87) Perylene-d12	24.92	264	135885	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	135996	123.17	ng		0.00
7) Phenol-d6	7.17	99	180107	113.35	ng		0.00
23) Nitrobenzene-d5	9.18	82	129741	94.81	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	114739	147.13	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	264280	77.74	ng		0.00
79) Terphenyl-d14	20.00	244	621547	79.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	9425	21.798	ng		83
3) Pyridine	3.84	79	34637	29.482	ng		95
4) n-Nitrosodimethylamine	3.76	42	21973	41.562	ng		94
6) Aniline	7.33	93	46999	24.629	ng		98
8) 2-Chlorophenol	7.57	128	45467	34.933	ng		98
9) Benzaldehyde	7.15	77	5300	5.784	ng		93
10) Phenol	7.20	94	56783	35.644	ng		94
11) bis(2-Chloroethyl)ether	7.43	93	35320	29.009	ng		98
12) 1,3-Dichlorobenzene	7.89	146	58062	37.234	ng		97
13) 1,4-Dichlorobenzene	8.04	146	59753	37.835	ng		98
14) 1,2-Dichlorobenzene	8.36	146	58167	38.628	ng		98
15) Benzyl Alcohol	8.25	79	51414	42.966	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	98456	42.170	ng		98
17) 2-Methylphenol	8.45	107	51251	46.331	ng		94
18) Hexachloroethane	9.08	117	21682	40.411	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	42512	40.742	ng	#	92
20) 3+4-Methylphenols	8.78	107	69023	43.764	ng		97
22) Acetophenone	8.84	105	84828	43.379	ng	#	97
24) Nitrobenzene	9.22	77	62827	45.422	ng		99
25) Isophorone	9.74	82	122101	51.799	ng	#	95
26) 2-Nitrophenol	9.94	139	34002	45.448	ng		99
27) 2,4-Dimethylphenol	9.99	122	59226	56.268	ng		93
28) bis(2-Chloroethoxy)methane	10.22	93	71731	50.632	ng		98
29) 2,4-Dichlorophenol	10.47	162	58352	44.624	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	59383	37.796	ng		99
31) Naphthalene	10.87	128	150351	40.034	ng		98
32) Benzoic acid	10.17	122	18393m	32.267	ng		
33) 4-Chloroaniline	10.99	127	35913	21.371	ng		98
34) Hexachlorobutadiene	11.13	225	38712	35.808	ng		99
35) Caprolactam	11.78	113	18678m	35.621	ng		
36) 4-Chloro-3-methylphenol	12.11	107	50152	35.859	ng		94
37) 2-Methylnaphthalene	12.47	142	98720	35.060	ng		99
38) 1-Methylnaphthalene	12.70	142	95949	35.502	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	64744	37.056	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	65941	67.943	ng		96
43) 2,4,6-Trichlorophenol	13.08	196	43810	39.841	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	48741	41.938	ng		98
46) 1,1'-Biphenyl	13.48	154	136190	36.945	ng		98
47) 2-Chloronaphthalene	13.53	162	111522	37.385	ng		99
48) 2-Nitroaniline	13.74	65	34183	40.903	ng		93
49) Acenaphthylene	14.37	152	183718	40.974	ng		98
50) Dimethylphthalate	14.10	163	157881	40.160	ng		99
51) 2,6-Dinitrotoluene	14.24	165	35981	40.937	ng		100
52) Acenaphthene	14.71	154	105346	39.105	ng		95
53) 3-Nitroaniline	14.57	138	24160	27.096	ng		99
54) 2,4-Dinitrophenol	14.78	184	46274	87.516	ng		98
55) Dibenzofuran	15.05	168	186756	39.253	ng		99
56) 4-Nitrophenol	14.88	139	55733	86.872	ng		97
57) 2,4-Dinitrotoluene	15.02	165	53418	42.362	ng		96
58) Fluorene	15.69	166	154534	43.150	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	48535	44.240	ng		96
60) Diethylphthalate	15.45	149	168559	41.615	ng		97
61) 4-Chlorophenyl-phenylether	15.68	204	88443	39.199	ng		100
62) 4-Nitroaniline	15.74	138	35787	38.528	ng		92
63) Azobenzene	15.98	77	127069	40.116	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	36485	36.928	ng		94
66) n-Nitrosodiphenylamine	15.91	169	144881	36.647	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	62221	36.296	ng		98
68) Hexachlorobenzene	16.69	284	67484	36.076	ng		98
69) Atrazine	16.85	200	59226	35.264	ng		96
70) Pentachlorophenol	17.04	266	66096	58.842	ng		99
71) Phenanthrene	17.44	178	285868	40.554	ng		99
72) Anthracene	17.53	178	288211	41.353	ng		99
73) Carbazole	17.81	167	257364	37.406	ng		99
74) Di-n-butylphthalate	18.34	149	302826	39.564	ng		99
75) Fluoranthene	19.45	202	368005	42.113	ng		99
77) Benzidine	19.64	184	103768	23.382	ng		99
78) Pyrene	19.81	202	367796	39.776	ng		99
80) Butylbenzylphthalate	20.68	149	138596	39.409	ng		98
81) Benzo(a)anthracene	21.65	228	368439	41.713	ng		100
82) 3,3'-Dichlorobenzidine	21.57	252	111728	31.046	ng		98
83) Chrysene	21.72	228	342524	40.774	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	194450	39.820	ng		96
85) Di-n-octyl phthalate	22.73	149	334868	40.555	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	436985	43.533	ng	#	96
88) Benzo(b)fluoranthene	23.88	252	366968	48.977	ng		99
89) Benzo(k)fluoranthene	23.95	252	358434	48.383	ng		98
90) Benzo(a)pyrene	24.78	252	358420	49.490	ng		99
91) Dibenzo(a,h)anthracene	28.73	278	359838	49.952	ng		98
92) Benzo(g,h,i)perylene	29.85	276	352399	49.414	ng		99

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

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