Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020119\
Data File : BG039348.D
Acq On : 1 Feb 2019 18:33
Operator : JU/SJ
Sample : PB116762BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116762BS

Manual Integrations APPROVED
apatel
2/4/2019 12:45:03 PM

Quant Time: Feb 02 01:47:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	44765	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	199582	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	133072	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	329821	20.00	ng		0.00
76) Chrysene-d12	21.84	240	345691	20.00	ng		0.00
87) Perylene-d12	25.23	264	357887	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	389785	149.03	ng		0.00
7) Phenol-d6	7.32	99	549800	142.81	ng		0.00
23) Nitrobenzene-d5	9.36	82	291544	91.26	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	200835	140.15	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	725391	78.20	ng		0.00
79) Terphenyl-d14	20.14	244	1265516	77.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	43882	38.355	ng		95
3) Pyridine	4.01	79	119063	39.306	ng		99
4) n-Nitrosodimethylamine	3.92	42	67448	44.523	ng		100
6) Aniline	7.50	93	149369	30.974	ng		99
8) 2-Chlorophenol	7.74	128	136174	47.630	ng		98
9) Benzaldehyde	7.32	77	31820	13.041	ng		93
10) Phenol	7.34	94	186590	46.493	ng		99
11) bis(2-Chloroethyl)ether	7.60	93	129532	40.846	ng		99
12) 1,3-Dichlorobenzene	8.07	146	136070	39.287	ng		99
13) 1,4-Dichlorobenzene	8.21	146	139966	40.545	ng		97
14) 1,2-Dichlorobenzene	8.54	146	135602	40.576	ng		99
15) Benzyl Alcohol	8.41	79	127566	42.205	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	269642	37.652	ng		99
17) 2-Methylphenol	8.61	107	121822	46.906	ng		94
18) Hexachloroethane	9.27	117	50451	42.479	ng		98
19) n-Nitroso-di-n-propylamine	8.98	70	106461	38.960	ng		98
20) 3+4-Methylphenols	8.93	107	166556	46.571	ng		95
22) Acetophenone	9.01	105	201129	37.516	ng	#	96
24) Nitrobenzene	9.40	77	152699	44.243	ng		99
25) Isophorone	9.92	82	296890	41.936	ng		98
26) 2-Nitrophenol	10.11	139	64890	48.058	ng		96
27) 2,4-Dimethylphenol	10.14	122	142825	49.871	ng		91
28) bis(2-Chloroethoxy)methane	10.40	93	183735	42.135	ng		98
29) 2,4-Dichlorophenol	10.63	162	146201	46.710	ng		93
30) 1,2,4-Trichlorobenzene	10.86	180	145477	41.399	ng		99
31) Naphthalene	11.06	128	419756	42.395	ng		98
32) Benzoic acid	10.26	122	86050	46.283	ng		97
33) 4-Chloroaniline	11.16	127	86332	18.805	ng		97
34) Hexachlorobutadiene	11.32	225	92751	39.689	ng		96
35) Caprolactam	11.94	113	49804m	38.452	ng		
36) 4-Chloro-3-methylphenol	12.25	107	155945	43.081	ng		96
37) 2-Methylnaphthalene	12.65	142	320522	43.708	ng		98
38) 1-Methylnaphthalene	12.86	142	305280	43.186	ng		98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	168729	39.851	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	230023	99.700	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	117280	45.051	ng		96
44) 2,4,5-Trichlorophenol	13.31	196	125170	45.876	ng		98
46) 1,1'-Biphenyl	13.64	154	427495	38.611	ng		99
47) 2-Chloronaphthalene	13.69	162	324888	39.006	ng		99
48) 2-Nitroaniline	13.89	65	105395	44.732	ng		98
49) Acenaphthylene	14.53	152	528021	42.013	ng		98
50) Dimethylphthalate	14.25	163	431050	40.107	ng		99
51) 2,6-Dinitrotoluene	14.38	165	90712	45.549	ng		99
52) Acenaphthene	14.87	154	324168	39.735	ng		96
53) 3-Nitroaniline	14.71	138	59752	30.035	ng	#	92
54) 2,4-Dinitrophenol	14.91	184	69782	79.019	ng		98
55) Dibenzofuran	15.20	168	520350	39.781	ng		99
56) 4-Nitrophenol	14.99	139	170889	87.366	ng		94
57) 2,4-Dinitrotoluene	15.16	165	127370	49.258	ng		94
58) Fluorene	15.85	166	412684	42.323	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	123801	48.461	ng		98
60) Diethylphthalate	15.61	149	434388	39.092	ng		97
61) 4-Chlorophenyl-phenylether	15.83	204	217495	39.393	ng		98
62) 4-Nitroaniline	15.87	138	99745	44.586	ng		95
63) Azobenzene	16.12	77	409657	37.718	ng		99
65) 4,6-Dinitro-2-methylphenol	15.91	198	61848	47.715	ng		95
66) n-Nitrosodiphenylamine	16.05	169	376263	37.519	ng		98
67) 4-Bromophenyl-phenylether	16.73	248	138398	37.824	ng		96
68) Hexachlorobenzene	16.84	284	142124	38.715	ng		99
69) Atrazine	16.99	200	153165	41.792	ng		98
70) Pentachlorophenol	17.18	266	195459	76.607	ng		98
71) Phenanthrene	17.59	178	709242	41.548	ng		100
72) Anthracene	17.68	178	720167	42.830	ng		99
73) Carbazole	17.95	167	645145	38.446	ng		98
74) Di-n-butylphthalate	18.49	149	786138	40.156	ng		100
75) Fluoranthene	19.59	202	865879	43.701	ng		99
77) Benzidine	19.77	184	303870	26.811	ng		99
78) Pyrene	19.95	202	877706	40.785	ng		99
80) Butylbenzylphthalate	20.82	149	365895	40.306	ng		95
81) Benzo(a)anthracene	21.82	228	867654	42.477	ng		99
82) 3,3'-Dichlorobenzidine	21.73	252	176214	23.265	ng		98
83) Chrysene	21.89	228	816058	41.968	ng		99
84) Bis(2-ethylhexyl)phthalate	21.70	149	518247	40.016	ng		98
85) Di-n-octyl phthalate	22.97	149	888879	41.543	ng		97
86) Indeno(1,2,3-cd)pyrene	29.12	276	974917	46.730	ng		98
88) Benzo(b)fluoranthene	24.14	252	855792	43.847	ng		99
89) Benzo(k)fluoranthene	24.21	252	825468	42.126	ng		99
90) Benzo(a)pyrene	25.07	252	832624	44.296	ng		98
91) Dibenzo(a,h)anthracene	29.20	278	789501	44.850	ng		99
92) Benzo(g,h,i)perylene	30.35	276	804706	45.864	ng		98

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

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