Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039462.D
Acq On : 12 Feb 2019 13:53
Operator : JU/SJ
Sample : PB117032BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117032BS

Manual Integrations APPROVED
Sohil
2/13/2019 9:56:47 AM

Quant Time: Feb 12 18:02:46 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	8.17	152	48545	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	245819	20.00	ng		-0.02
39) Acenaphthene-d10	14.80	164	185111	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	448486	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	361629	20.00	ng		-0.02
87) Perylene-d12	25.21	264	371243	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	492428	173.61	ng		0.00
7) Phenol-d6	7.31	99	731193	175.13	ng		0.00
23) Nitrobenzene-d5	9.35	82	359998	91.49	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	336193	168.66	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	962710	74.61	ng		-0.01
79) Terphenyl-d14	20.13	244	1438509	84.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	38016	30.641	ng		94
3) Pyridine	4.00	79	112653	34.294	ng		99
4) n-Nitrosodimethylamine	3.92	42	62539	38.068	ng		91
6) Aniline	7.50	93	176146	33.682	ng		98
8) 2-Chlorophenol	7.73	128	159436	51.424	ng		97
9) Benzaldehyde	7.31	77	72277	32.941	ng		98
10) Phenol	7.34	94	225344	51.777	ng		99
11) bis(2-Chloroethyl)ether	7.59	93	142048	41.304	ng		95
12) 1,3-Dichlorobenzene	8.06	146	145627	38.773	ng		96
13) 1,4-Dichlorobenzene	8.21	146	148921	39.780	ng		98
14) 1,2-Dichlorobenzene	8.52	146	146579	40.446	ng		98
15) Benzyl Alcohol	8.41	79	162060	49.442	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	282847	36.420	ng		99
17) 2-Methylphenol	8.60	107	148994	52.902	ng		97
18) Hexachloroethane	9.26	117	51378	39.891	ng		97
19) n-Nitroso-di-n-propylamine	8.98	70	129634	43.746	ng		92
20) 3+4-Methylphenols	8.93	107	211161	54.445	ng		98
22) Acetophenone	9.00	105	242811	36.772	ng	#	94
24) Nitrobenzene	9.39	77	187995	44.224	ng		97
25) Isophorone	9.90	82	387601	44.451	ng		99
26) 2-Nitrophenol	10.10	139	94752	54.498	ng		97
27) 2,4-Dimethylphenol	10.14	122	185667	52.637	ng		96
28) bis(2-Chloroethoxy)methane	10.39	93	232054	43.206	ng		96
29) 2,4-Dichlorophenol	10.63	162	193880	50.292	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	173835	40.164	ng		98
31) Naphthalene	11.04	128	516505	42.354	ng		98
32) Benzoic acid	10.27	122	114020	49.108	ng		94
33) 4-Chloroaniline	11.15	127	123789	21.892	ng		98
34) Hexachlorobutadiene	11.31	225	108094	37.554	ng		94
35) Caprolactam	11.94	113	70658m	44.292	ng		
36) 4-Chloro-3-methylphenol	12.25	107	221844	49.758	ng		99
37) 2-Methylnaphthalene	12.64	142	418222	46.303	ng		96
38) 1-Methylnaphthalene	12.85	142	407172	46.766	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	231266	39.266	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	284060	88.509	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	170667	47.129	ng		96
44) 2,4,5-Trichlorophenol	13.30	196	188407	49.641	ng		98
46) 1,1'-Biphenyl	13.63	154	585321	38.004	ng		98
47) 2-Chloronaphthalene	13.68	162	452843	39.084	ng		99
48) 2-Nitroaniline	13.89	65	160210	48.112	ng		97
49) Acenaphthylene	14.52	152	742578	42.475	ng		99
50) Dimethylphthalate	14.25	163	620271	41.489	ng		99
51) 2,6-Dinitrotoluene	14.38	165	143458	50.886	ng		93
52) Acenaphthene	14.86	154	449643	39.621	ng		97
53) 3-Nitroaniline	14.70	138	92982	32.911	ng	#	91
54) 2,4-Dinitrophenol	14.91	184	107986	84.849	ng		91
55) Dibenzofuran	15.19	168	738545	40.590	ng		99
56) 4-Nitrophenol	14.99	139	220636	81.505	ng		89
57) 2,4-Dinitrotoluene	15.16	165	197117	53.921	ng	#	87
58) Fluorene	15.84	166	589719	43.477	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	183563	51.654	ng		96
60) Diethylphthalate	15.60	149	640029	41.406	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	316705	41.236	ng		96
62) 4-Nitroaniline	15.87	138	134852	43.451	ng		91
63) Azobenzene	16.12	77	565003	37.397	ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	95467	52.190	ng		96
66) n-Nitrosodiphenylamine	16.04	169	546842	40.100	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	206730	41.550	ng		97
68) Hexachlorobenzene	16.83	284	212998	42.669	ng		97
69) Atrazine	16.98	200	213967	42.935	ng		96
70) Pentachlorophenol	17.18	266	239424	69.009	ng		99
71) Phenanthrene	17.58	178	960715	41.388	ng		99
72) Anthracene	17.68	178	967486	42.314	ng		98
73) Carbazole	17.94	167	804272	35.247	ng		99
74) Di-n-butylphthalate	18.48	149	998314	37.502	ng		100
75) Fluoranthene	19.58	202	1020350	37.872	ng		99
77) Benzidine	19.76	184	361654	30.503	ng		100
78) Pyrene	19.94	202	1006167	44.694	ng		99
80) Butylbenzylphthalate	20.81	149	384793	40.519	ng		94
81) Benzo(a)anthracene	21.81	228	910685	42.618	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	213406	26.934	ng		99
83) Chrysene	21.88	228	855504	42.057	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	537473	39.671	ng		100
85) Di-n-octyl phthalate	22.95	149	929212	41.514	ng		95
86) Indeno(1,2,3-cd)pyrene	29.10	276	1027863	47.097	ng		100
88) Benzo(b)fluoranthene	24.13	252	883661	43.646	ng		99
89) Benzo(k)fluoranthene	24.20	252	874332	43.014	ng		99
90) Benzo(a)pyrene	25.05	252	874912	44.871	ng		99
91) Dibenzo(a,h)anthracene	29.17	278	830572	45.485	ng		99
92) Benzo(g,h,i)perylene	30.33	276	843799	46.361	ng		96

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

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