Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041151.D
Acq On : 9 Jun 2019 3:32
Operator : HP/JU
Sample : 8270PBBS2
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 8270PBBS2

Quant Time: Jun 10 05:26:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	32305	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	138461	20.00	ng		-0.02
39) Acenaphthene-d10	14.73	164	115095	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	304835	20.00	ng		-0.02
76) Chrysene-d12	21.76	240	303869	20.00	ng		-0.02
87) Perylene-d12	25.08	264	329191	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	270779	151.14	ng		-0.02
7) Phenol-d6	7.26	99	404480	146.19	ng		-0.01
23) Nitrobenzene-d5	9.28	82	272339	87.32	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	256914	150.36	ng		-0.02
45) 2-Fluorobiphenyl	13.36	172	690001	86.34	ng		-0.02
79) Terphenyl-d14	20.08	244	1378194	96.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	26444	32.528	ng	#	85
3) Pyridine	3.91	79	79140	32.899	ng		98
4) n-Nitrosodimethylamine	3.82	42	46976	42.077	ng		80
6) Aniline	7.43	93	70445	19.075	ng		98
8) 2-Chlorophenol	7.66	128	101530	47.537	ng		95
9) Benzaldehyde	7.24	77	34485	20.894	ng		85
10) Phenol	7.28	94	140545	47.376	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	90180	41.903	ng		97
12) 1,3-Dichlorobenzene	7.99	146	102491	40.177	ng		97
13) 1,4-Dichlorobenzene	8.14	146	108830	42.147	ng		95
14) 1,2-Dichlorobenzene	8.46	146	102701	40.964	ng		95
15) Benzyl Alcohol	8.34	79	112886	44.106	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.62	45	136356	38.774	ng		96
17) 2-Methylphenol	8.54	107	98378	45.801	ng		99
18) Hexachloroethane	9.19	117	39120	39.309	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	85812	40.302	ng	#	95
20) 3+4-Methylphenols	8.87	107	133168	44.758	ng		95
22) Acetophenone	8.94	105	171168	44.069	ng	#	97
24) Nitrobenzene	9.32	77	139769	43.974	ng		95
25) Isophorone	9.84	82	257130	43.320	ng		99
26) 2-Nitrophenol	10.03	139	62518	47.712	ng		92
27) 2,4-Dimethylphenol	10.08	122	110597	51.106	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	133339	41.622	ng		96
29) 2,4-Dichlorophenol	10.56	162	127380	46.352	ng		95
30) 1,2,4-Trichlorobenzene	10.78	180	133494	42.701	ng		98
31) Naphthalene	10.97	128	338204	45.494	ng		97
32) Benzoic acid	10.22	122	72501	43.918	ng		100
33) 4-Chloroaniline	11.09	127	51884	15.042	ng		94
34) Hexachlorobutadiene	11.24	225	95532	39.937	ng		96
35) Caprolactam	11.87	113	44626m	49.175	ng		
36) 4-Chloro-3-methylphenol	12.20	107	153521	48.915	ng		98
37) 2-Methylnaphthalene	12.57	142	265218	46.321	ng		98
38) 1-Methylnaphthalene	12.80	142	251625	46.637	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	195953	42.241	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	197600	79.319	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	135772	45.242	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	146849	46.398	ng		96
46) 1,1'-Biphenyl	13.57	154	370447	43.482	ng		98
47) 2-Chloronaphthalene	13.62	162	309552	42.324	ng		99
48) 2-Nitroaniline	13.83	65	117203	44.668	ng		98
49) Acenaphthylene	14.46	152	504742	45.853	ng		99
50) Dimethylphthalate	14.19	163	420181	43.127	ng		99
51) 2,6-Dinitrotoluene	14.32	165	97070	46.210	ng		96
52) Acenaphthene	14.81	154	299357	44.891	ng		99
53) 3-Nitroaniline	14.65	138	53423	25.433	ng		99
54) 2,4-Dinitrophenol	14.85	184	102250	89.040	ng		96
55) Dibenzofuran	15.13	168	514771	45.877	ng		98
56) 4-Nitrophenol	14.95	139	151989	105.489	ng		94
57) 2,4-Dinitrotoluene	15.10	165	144560	48.717	ng		99
58) Fluorene	15.78	166	416379	46.596	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	156784	50.407	ng		98
60) Diethylphthalate	15.54	149	438973	44.150	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	261172	44.965	ng		95
62) 4-Nitroaniline	15.82	138	99535	44.759	ng		93
63) Azobenzene	16.06	77	412137	45.606	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	79507	48.553	ng		97
66) n-Nitrosodiphenylamine	15.99	169	382748	44.665	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	171838	41.770	ng		95
68) Hexachlorobenzene	16.77	284	182797	41.729	ng		99
69) Atrazine	16.93	200	166014	50.208	ng		98
70) Pentachlorophenol	17.13	266	200761	85.255	ng		99
71) Phenanthrene	17.53	178	730360	45.997	ng		99
72) Anthracene	17.61	178	745971	47.634	ng		100
73) Carbazole	17.89	167	650426	48.405	ng		99
74) Di-n-butylphthalate	18.42	149	761871	45.619	ng		98
75) Fluoranthene	19.53	202	949108	48.393	ng		99
77) Benzidine	19.71	184	173620	23.951	ng		96
78) Pyrene	19.89	202	950869	48.137	ng		99
80) Butylbenzylphthalate	20.75	149	356926	46.431	ng		99
81) Benzo(a)anthracene	21.74	228	923119	45.637	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	176052	24.746	ng		99
83) Chrysene	21.81	228	899269	46.457	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	485310	44.847	ng		97
85) Di-n-octyl phthalate	22.84	149	842464	46.745	ng		98
86) Indeno(1,2,3-cd)pyrene	28.91	276	1071072	45.171	ng	#	98
88) Benzo(b)fluoranthene	24.02	252	929912	46.573	ng		99
89) Benzo(k)fluoranthene	24.09	252	916882	46.405	ng		99
90) Benzo(a)pyrene	24.93	252	909778	47.759	ng		98
91) Dibenzo(a,h)anthracene	28.97	278	879913	46.227	ng		99
92) Benzo(g,h,i)perylene	30.11	276	840205	45.435	ng		98

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

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