Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
Data File : BG039520.D
Acq On : 14 Feb 2019 23:55
Operator : JU/SJ
Sample : PB117115BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117115BS

Quant Time: Feb 15 03:13:20 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	48954	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	250928	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	181100	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	424957	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	421578	20.00	ng		-0.01
87) Perylene-d12	25.22	264	411162	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	383054	133.92	ng		0.00
7) Phenol-d6	7.32	99	578190	137.33	ng		0.00
23) Nitrobenzene-d5	9.35	82	323134	80.45	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	223403	114.56	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	829472	65.71	ng		-0.01
79) Terphenyl-d14	20.13	244	1268355	63.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	30359	24.265	ng		96
3) Pyridine	4.01	79	84980	25.654	ng		91
4) n-Nitrosodimethylamine	3.92	42	52138	31.472	ng		85
6) Aniline	7.49	93	102528	19.441	ng		99
8) 2-Chlorophenol	7.74	128	139026	44.466	ng		93
9) Benzaldehyde	7.31	77	47941	19.369	ng		99
10) Phenol	7.35	94	194298	44.271	ng		96
11) bis(2-Chloroethyl)ether	7.59	93	119864	34.563	ng		96
12) 1,3-Dichlorobenzene	8.06	146	120256	31.750	ng		97
13) 1,4-Dichlorobenzene	8.21	146	123914	32.824	ng		98
14) 1,2-Dichlorobenzene	8.53	146	120670	33.018	ng		96
15) Benzyl Alcohol	8.41	79	134107	40.572	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	232103	29.637	ng		99
17) 2-Methylphenol	8.60	107	126321	44.477	ng		98
18) Hexachloroethane	9.26	117	42530	32.745	ng		91
19) n-Nitroso-di-n-propylamine	8.98	70	104825	35.079	ng		90
20) 3+4-Methylphenols	8.93	107	177204	45.308	ng		97
22) Acetophenone	9.00	105	196826	29.201	ng	#	94
24) Nitrobenzene	9.39	77	155977	35.945	ng		96
25) Isophorone	9.90	82	305314	34.301	ng		96
26) 2-Nitrophenol	10.10	139	80725	47.682	ng		97
27) 2,4-Dimethylphenol	10.14	122	151448	42.061	ng		90
28) bis(2-Chloroethoxy)methane	10.38	93	186263	33.974	ng		95
29) 2,4-Dichlorophenol	10.63	162	166487	42.307	ng		93
30) 1,2,4-Trichlorobenzene	10.85	180	142598	32.276	ng		98
31) Naphthalene	11.04	128	420552	33.784	ng		98
32) Benzoic acid	10.28	122	120183	50.414	ng		98
33) 4-Chloroaniline	11.15	127	93744	16.241	ng		96
34) Hexachlorobutadiene	11.31	225	89224	30.367	ng		99
35) Caprolactam	11.95	113	53859	33.074	ng	#	85
36) 4-Chloro-3-methylphenol	12.26	107	176196	38.715	ng		94
37) 2-Methylnaphthalene	12.63	142	337489	36.604	ng		97
38) 1-Methylnaphthalene	12.85	142	318471	35.833	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	184364	31.996	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	174939	55.716 ng		100
43) 2,4,6-Trichlorophenol	13.23	196	138053	38.967 ng		98
44) 2,4,5-Trichlorophenol	13.30	196	151484	40.796 ng		95
46) 1,1'-Biphenyl	13.63	154	462091	30.667 ng		99
47) 2-Chloronaphthalene	13.68	162	358111	31.592 ng		98
48) 2-Nitroaniline	13.89	65	123693	39.717 ng		93
49) Acenaphthylene	14.52	152	582051	34.030 ng		99
50) Dimethylphthalate	14.24	163	475059	32.480 ng		99
51) 2,6-Dinitrotoluene	14.37	165	108318	40.769 ng		94
52) Acenaphthene	14.86	154	349761	31.503 ng		99
53) 3-Nitroaniline	14.71	138	77991	29.043 ng	#	97
54) 2,4-Dinitrophenol	14.91	184	17036	22.494 ng		93
55) Dibenzofuran	15.19	168	572463	32.159 ng		99
56) 4-Nitrophenol	15.00	139	173060	66.494 ng		91
57) 2,4-Dinitrotoluene	15.15	165	148856	43.406 ng		87
58) Fluorene	15.84	166	456636	34.411 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	134147	38.585 ng		98
60) Diethylphthalate	15.60	149	476370	31.501 ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	246938	32.864 ng		94
62) 4-Nitroaniline	15.87	138	111325	37.321 ng		91
63) Azobenzene	16.12	77	426253	28.838 ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	27906	22.452 ng		99
66) n-Nitrosodiphenylamine	16.04	169	416831	32.259 ng		98
67) 4-Bromophenyl-phenylether	16.72	248	155139	32.907 ng		94
68) Hexachlorobenzene	16.83	284	159844	33.794 ng		95
69) Atrazine	16.98	200	163363	34.596 ng		95
70) Pentachlorophenol	17.18	266	173375	52.739 ng		99
71) Phenanthrene	17.58	178	734037	33.374 ng		98
72) Anthracene	17.68	178	742402	34.268 ng		98
73) Carbazole	17.95	167	647878	29.965 ng		99
74) Di-n-butylphthalate	18.47	149	789099	31.284 ng		100
75) Fluoranthene	19.58	202	864435	33.861 ng		98
77) Benzidine	19.77	184	165159	11.949 ng		98
78) Pyrene	19.94	202	872014	33.227 ng		99
80) Butylbenzylphthalate	20.81	149	372087	33.610 ng		95
81) Benzo(a)anthracene	21.81	228	864732	34.713 ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	208377	22.560 ng		99
83) Chrysene	21.88	228	804949	33.945 ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	525462	33.269 ng	#	99
85) Di-n-octyl phthalate	22.94	149	893972	34.260 ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	956233	37.584 ng	#	96
88) Benzo(b)fluoranthene	24.13	252	846938	37.771 ng		99
89) Benzo(k)fluoranthene	24.20	252	808946	35.934 ng		99
90) Benzo(a)pyrene	25.05	252	811281	37.568 ng		99
91) Dibenzo(a,h)anthracene	29.18	278	787158	38.923 ng		97
92) Benzo(g,h,i)perylene	30.34	276	792750	39.328 ng		97

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

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