Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010419\
Data File : BG038935.D
Acq On : 4 Jan 2019 18:30
Operator : JU/SJ
Sample : K1017-26MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5MSD

Quant Time: Jan 04 23:16:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	26887	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	108160	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	73469	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	184823	20.00	ng		0.00
76) Chrysene-d12	21.71	240	184822	20.00	ng		-0.01
87) Perylene-d12	25.01	264	200283	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	86325	56.95	ng		0.00
7) Phenol-d6	7.21	99	234399	112.63	ng		0.00
23) Nitrobenzene-d5	9.23	82	173338	81.87	ng		-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
45) 2-Fluorobiphenyl	13.31	172	466507	87.11	ng		-0.01
79) Terphenyl-d14	20.03	244	876707	103.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	17283	24.497	ng		96
3) Pyridine	3.88	79	43620	22.456	ng		93
4) n-Nitrosodimethylamine	3.81	42	34164	35.895	ng	#	89
6) Aniline	7.37	93	93900	35.346	ng		99
8) 2-Chlorophenol	7.61	128	39402	22.461	ng		97
9) Benzaldehyde	7.19	77	26251	19.445	ng		86
10) Phenol	7.24	94	78676	35.585	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	61236	34.788	ng		96
12) 1,3-Dichlorobenzene	7.93	146	73264	35.322	ng		98
13) 1,4-Dichlorobenzene	8.08	146	75105	35.355	ng		95
14) 1,2-Dichlorobenzene	8.40	146	73805	36.853	ng		98
15) Benzyl Alcohol	8.29	79	69955	43.067	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	127248	31.558	ng		97
17) 2-Methylphenol	8.49	107	62204	41.993	ng		98
18) Hexachloroethane	9.12	117	24360	31.381	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	54246	37.114	ng		98
20) 3+4-Methylphenols	8.82	107	80173	39.191	ng		95
22) Acetophenone	8.88	105	113558	42.033	ng	#	97
24) Nitrobenzene	9.27	77	84521	39.463	ng		94
25) Isophorone	9.77	82	165847	43.599	ng		98
27) 2,4-Dimethylphenol	10.03	122	67848	43.187	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	90242	42.038	ng		98
29) 2,4-Dichlorophenol	10.53	162	8027	4.593	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	88425	41.885	ng		97
31) Naphthalene	10.91	128	238346	44.725	ng		99
33) 4-Chloroaniline	11.03	127	100135	43.280	ng		97
34) Hexachlorobutadiene	11.17	225	58785	41.152	ng		97
35) Caprolactam	11.80	113	20436	28.254	ng	#	82
36) 4-Chloro-3-methylphenol	12.15	107	57321	28.740	ng		93
37) 2-Methylnaphthalene	12.51	142	185603	48.819	ng		98
38) 1-Methylnaphthalene	12.74	142	175917	47.684	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	117251	42.695	ng	#	97
41) Hexachlorocyclopentadiene	12.84	237	1681	1.114	ng		89
43) 2,4,6-Trichlorophenol	13.22	196	265	0.157	ng	#	77

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.22	196	265	0.148	ng	#	53
46) 1,1'-Biphenyl	13.52	154	250543	40.679	ng		99
47) 2-Chloronaphthalene	13.56	162	200184	42.077	ng		97
48) 2-Nitroaniline	13.78	65	64575	42.613	ng		90
49) Acenaphthylene	14.41	152	326317	45.880	ng		99
50) Dimethylphthalate	14.13	163	275504	45.919	ng		98
51) 2,6-Dinitrotoluene	14.27	165	59300	43.614	ng		91
52) Acenaphthene	14.75	154	187703	44.135	ng		98
53) 3-Nitroaniline	14.60	138	59903	43.220	ng		92
55) Dibenzofuran	15.08	168	332480	45.606	ng		97
57) 2,4-Dinitrotoluene	15.06	165	31613	16.508	ng		94
58) Fluorene	15.73	166	250345	46.350	ng		99
60) Diethylphthalate	15.49	149	283844	43.096	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	151143	44.850	ng		99
62) 4-Nitroaniline	15.77	138	58633	41.091	ng		97
63) Azobenzene	16.01	77	221396	40.238	ng		96
66) n-Nitrosodiphenylamine	15.94	169	244565	45.035	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	103037	45.648	ng		95
68) Hexachlorobenzene	16.73	284	106722	45.610	ng		95
69) Atrazine	16.88	200	93420	46.355	ng		98
71) Phenanthrene	17.48	178	453271	47.293	ng		98
72) Anthracene	17.57	178	459508	48.565	ng		99
73) Carbazole	17.84	167	397639	42.494	ng		99
74) Di-n-butylphthalate	18.37	149	468250	43.610	ng		99
75) Fluoranthene	19.49	202	557326	46.998	ng		97
77) Benzidine	19.67	184	382129	69.911	ng		99
78) Pyrene	19.85	202	559764	45.845	ng		99
80) Butylbenzylphthalate	20.71	149	194481	40.770	ng		94
81) Benzo(a)anthracene	21.70	228	544755	48.371	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	197680	44.257	ng		99
83) Chrysene	21.76	228	514818	47.459	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	293425	43.371	ng		98
85) Di-n-octyl phthalate	22.78	149	490701	43.308	ng		97
86) Indeno(1,2,3-cd)pyrene	28.79	276	621228	48.712	ng	#	59
88) Benzo(b)fluoranthene	23.95	252	553258	50.313	ng		98
89) Benzo(k)fluoranthene	24.02	252	534465	48.809	ng		98
90) Benzo(a)pyrene	24.85	252	531936	50.142	ng	#	97
91) Dibenzo(a,h)anthracene	28.84	278	504588	47.771	ng		99
92) Benzo(g,h,i)perylene	29.98	276	505990	48.608	ng		96

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

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