Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038969.D
Acq On : 7 Jan 2019 16:35
Operator : JU/SJ
Sample : PB116197BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116197BSD

Manual Integrations APPROVED
Sohil
1/8/2019 4:49:11 PM

Quant Time: Jan 08 03:22:27 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	8.05	152	26423	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	107468	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	73114	20.00	ng		-0.01
64) Phenanthrene-d10	17.44	188	186284	20.00	ng		0.00
76) Chrysene-d12	21.71	240	192391	20.00	ng		-0.01
87) Perylene-d12	25.00	264	181101	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	182191	122.30	ng		0.00
7) Phenol-d6	7.21	99	248772	121.64	ng		0.00
23) Nitrobenzene-d5	9.22	82	126889	60.32	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	135572	134.54	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	344180	64.58	ng		-0.01
79) Terphenyl-d14	20.03	244	698374	79.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	32786	47.287	ng		97
3) Pyridine	3.88	79	57033	29.877	ng		96
4) n-Nitrosodimethylamine	3.81	42	34463	36.845	ng	#	91
6) Aniline	7.38	93	80417	30.802	ng		96
8) 2-Chlorophenol	7.61	128	76880	44.594	ng		96
9) Benzaldehyde	7.19	77	13468	10.151	ng		96
10) Phenol	7.24	94	97575	44.908	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	61955	35.815	ng		94
12) 1,3-Dichlorobenzene	7.93	146	79571	39.036	ng		96
13) 1,4-Dichlorobenzene	8.08	146	80427	38.525	ng		98
14) 1,2-Dichlorobenzene	8.40	146	77093	39.171	ng		97
15) Benzyl Alcohol	8.29	79	70134	43.935	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	131243	33.120	ng		98
17) 2-Methylphenol	8.49	107	66802	45.889	ng		95
18) Hexachloroethane	9.12	117	28319	37.122	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	53136	36.993	ng		94
20) 3+4-Methylphenols	8.82	107	92336	45.929	ng		95
22) Acetophenone	8.88	105	109809	40.907	ng	#	93
24) Nitrobenzene	9.27	77	81799	38.438	ng		97
25) Isophorone	9.78	82	154296	40.823	ng		98
26) 2-Nitrophenol	9.97	139	44840	41.168	ng		96
27) 2,4-Dimethylphenol	10.03	122	79398	50.864	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	88486	41.485	ng		98
29) 2,4-Dichlorophenol	10.51	162	86741	49.949	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	88910	42.386	ng		99
31) Naphthalene	10.91	128	234969	44.375	ng		99
32) Benzoic acid	10.19	122	46505m	47.135	ng		
33) 4-Chloroaniline	11.03	127	68235	29.682	ng		95
34) Hexachlorobutadiene	11.17	225	60114	42.353	ng		97
35) Caprolactam	11.82	113	29443m	40.969	ng		
36) 4-Chloro-3-methylphenol	12.15	107	87347	44.076	ng		94
37) 2-Methylnaphthalene	12.51	142	182209	48.235	ng		98
38) 1-Methylnaphthalene	12.74	142	171610	46.816	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	111948	40.962	ng		98

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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)
41) Hexachlorocyclopentadiene	12.84	237	130932	87.202	ng		94
43) 2,4,6-Trichlorophenol	13.12	196	78298	46.595	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	84443	47.462	ng		97
46) 1,1'-Biphenyl	13.52	154	237880	38.810	ng		98
47) 2-Chloronaphthalene	13.56	162	191722	40.494	ng		97
48) 2-Nitroaniline	13.78	65	60603	40.186	ng		92
49) Acenaphthylene	14.41	152	316428	44.706	ng		99
50) Dimethylphthalate	14.13	163	254940	42.698	ng		100
51) 2,6-Dinitrotoluene	14.27	165	57628	42.591	ng		91
52) Acenaphthene	14.75	154	178242	42.114	ng		98
53) 3-Nitroaniline	14.61	138	43577	31.594	ng		87
54) 2,4-Dinitrophenol	14.82	184	72021	88.845	ng		98
55) Dibenzofuran	15.08	168	312189	43.031	ng		97
56) 4-Nitrophenol	14.92	139	87359	83.488	ng		96
57) 2,4-Dinitrotoluene	15.06	165	82666	43.377	ng		92
58) Fluorene	15.73	166	248633	46.257	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.31	232	78847	49.258	ng		97
60) Diethylphthalate	15.49	149	263782	40.244	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	142343	42.444	ng		97
62) 4-Nitroaniline	15.77	138	61246	43.131	ng		98
63) Azobenzene	16.01	77	210638	38.469	ng		95
65) 4,6-Dinitro-2-methylphenol	15.81	198	54423	40.955	ng		93
66) n-Nitrosodiphenylamine	15.94	169	228972	41.833	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	95941	42.171	ng		98
68) Hexachlorobenzene	16.73	284	101735	43.138	ng		95
69) Atrazine	16.88	200	94026	46.290	ng		96
70) Pentachlorophenol	17.08	266	108490	77.774	ng		97
71) Phenanthrene	17.48	178	432141	44.735	ng		98
72) Anthracene	17.57	178	434623	45.575	ng		99
73) Carbazole	17.84	167	384966	40.817	ng		99
74) Di-n-butylphthalate	18.37	149	449583	41.543	ng		99
75) Fluoranthene	19.48	202	537708	44.988	ng		98
77) Benzidine	19.67	184	201779	35.463	ng		99
78) Pyrene	19.84	202	533890	42.006	ng		99
80) Butylbenzylphthalate	20.71	149	205893	41.464	ng		94
81) Benzo(a)anthracene	21.69	228	525877	44.857	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	142783	30.709	ng		97
83) Chrysene	21.76	228	482407	42.722	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	285941	40.602	ng		98
85) Di-n-octyl phthalate	22.78	149	483988	41.035	ng	#	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	575548	43.354	ng	#	93
88) Benzo(b)fluoranthene	23.95	252	506166	50.906	ng	#	99
89) Benzo(k)fluoranthene	24.02	252	498121	50.309	ng	#	98
90) Benzo(a)pyrene	24.85	252	494636	51.564	ng	#	98
91) Dibenzo(a,h)anthracene	28.84	278	475995	49.837	ng		98
92) Benzo(g,h,i)perylene	29.97	276	478385	50.824	ng		96

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

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