Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
Data File : BG037518.D
Acq On : 24 Oct 2018 19:27
Operator : JU/SJ
Sample : J4771-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MSD

Manual Integrations APPROVED
Sohil
10/25/2018 2:13:01 PM

Quant Time: Oct 25 08:14:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59190	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	255967	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	167897	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	405362	20.00	ng	0.00
76) Chrysene-d12	21.77	240	360104	20.00	ng	0.00
87) Perylene-d12	25.10	264	379177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	419963	118.62	ng	0.00
7) Phenol-d6	7.25	99	559665	104.54	ng	0.00
23) Nitrobenzene-d5	9.28	82	384251	84.09	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	246122	134.40	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	885521	79.53	ng	0.00
79) Terphenyl-d14	20.09	244	1387997	82.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	55851	31.107	ng	# 87
3) Pyridine	3.95	79	143671	31.749	ng	94
4) n-Nitrosodimethylamine	3.86	42	78529	48.720	ng	# 90
6) Aniline	7.43	93	123013	18.835	ng	97
8) 2-Chlorophenol	7.67	128	195400	47.178	ng	98
9) Benzaldehyde	7.24	77	93679	27.974	ng	96
10) Phenol	7.28	94	225115	39.854	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	188269	43.885	ng	97
12) 1,3-Dichlorobenzene	7.99	146	191908	41.621	ng	97
13) 1,4-Dichlorobenzene	8.14	146	195041	41.353	ng	97
14) 1,2-Dichlorobenzene	8.46	146	188571	41.563	ng	98
15) Benzyl Alcohol	8.35	79	189655	47.945	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	340883	44.408	ng	98
17) 2-Methylphenol	8.54	107	176198	47.183	ng	100
18) Hexachloroethane	9.19	117	71398	44.404	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	158945	43.116	ng	94
20) 3+4-Methylphenols	8.86	107	244420	45.779	ng	97
22) Acetophenone	8.93	105	293602	45.736	ng	98
24) Nitrobenzene	9.33	77	226805	47.780	ng	94
25) Isophorone	9.85	82	459769	55.070	ng	97
26) 2-Nitrophenol	10.04	139	109968	51.425	ng	99
27) 2,4-Dimethylphenol	10.08	122	216408	56.680	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	275277	50.325	ng	96
29) 2,4-Dichlorophenol	10.57	162	216853	51.011	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	204056	44.140	ng	97
31) Naphthalene	10.98	128	612778	48.740	ng	99
32) Benzoic acid	10.20	122	124606	50.247	ng	97
33) 4-Chloroaniline	11.09	127	21770	3.685	ng	92
34) Hexachlorobutadiene	11.24	225	118215	43.146	ng	97
35) Caprolactam	11.88	113	62719m	36.787	ng	
36) 4-Chloro-3-methylphenol	12.19	107	244583	51.016	ng	99
37) 2-Methylnaphthalene	12.58	142	468403	51.109	ng	99
38) 1-Methylnaphthalene	12.79	142	446888	50.210	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	239462	44.217	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	266436	102.995	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	186188	51.461	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	204480	51.909	ng		98
46) 1,1'-Biphenyl	13.58	154	614120	44.166	ng		98
47) 2-Chloronaphthalene	13.62	162	489684	46.550	ng		99
48) 2-Nitroaniline	13.83	65	168604	52.853	ng		95
49) Acenaphthylene	14.46	152	817089	51.635	ng		100
50) Dimethylphthalate	14.19	163	662704	51.021	ng		100
51) 2,6-Dinitrotoluene	14.32	165	148002	51.508	ng		96
52) Acenaphthene	14.80	154	483285	49.590	ng		98
53) 3-Nitroaniline	14.65	138	77235	24.213	ng	#	97
54) 2,4-Dinitrophenol	14.85	184	131166	92.966	ng		93
55) Dibenzofuran	15.14	168	761179	47.141	ng		100
56) 4-Nitrophenol	14.95	139	309663	131.150	ng		98
57) 2,4-Dinitrotoluene	15.10	165	210588	55.832	ng		95
58) Fluorene	15.79	166	628080	51.943	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	178888	53.039	ng		98
60) Diethylphthalate	15.54	149	678971	50.916	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	327784	46.509	ng		99
62) 4-Nitroaniline	15.81	138	162547	51.282	ng		92
63) Azobenzene	16.07	77	636173	50.001	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	106424	49.671	ng		97
66) n-Nitrosodiphenylamine	15.99	169	583259	47.834	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	206760	46.447	ng		96
68) Hexachlorobenzene	16.78	284	210722	45.674	ng		98
69) Atrazine	16.93	200	216468	49.102	ng		99
70) Pentachlorophenol	17.12	266	262971	85.094	ng		97
71) Phenanthrene	17.53	178	1042165	50.586	ng		99
72) Anthracene	17.62	178	1057369	52.299	ng		97
73) Carbazole	17.89	167	968416	47.885	ng		99
74) Di-n-butylphthalate	18.43	149	1152118	51.212	ng		100
75) Fluoranthene	19.53	202	1204579	51.552	ng		98
77) Benzidine	19.72	184	76379	6.238	ng		96
78) Pyrene	19.89	202	1201946	51.059	ng		100
80) Butylbenzylphthalate	20.77	149	526541	54.653	ng		97
81) Benzo(a)anthracene	21.75	228	1127062	52.914	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	211535	25.622	ng		98
83) Chrysene	21.82	228	1045331	51.038	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	728907	53.976	ng		97
85) Di-n-octyl phthalate	22.87	149	1226100	55.678	ng		99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1156133	52.629	ng	#	90
88) Benzo(b)fluoranthene	24.04	252	1091374	52.500	ng		99
89) Benzo(k)fluoranthene	24.11	252	1083618	53.206	ng		97
90) Benzo(a)pyrene	24.95	252	1064624	53.896	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	954176	52.367	ng		97
92) Benzo(g,h,i)perylene	30.14	276	929330	50.413	ng		99

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

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