Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037723.D
Acq On : 1 Nov 2018 17:52
Operator : JU/SJ
Sample : J5741-23MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-6MS

Manual Integrations APPROVED
Sohil
11/2/2018 11:29:41 AM

Quant Time: Nov 02 07:29:06 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	8.10	152	52251	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	237495	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	158292	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	374369	20.00	ng		0.00
76) Chrysene-d12	21.77	240	328609	20.00	ng		0.00
87) Perylene-d12	25.10	264	342311	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	416340	133.21	ng		0.00
7) Phenol-d6	7.24	99	630016	133.31	ng		0.00
23) Nitrobenzene-d5	9.28	82	365983	86.33	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	227257	131.63	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	840571	80.08	ng		-0.01
79) Terphenyl-d14	20.08	244	1199482	78.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	41178	25.981	ng		97
3) Pyridine	3.93	79	106420	26.640	ng		90
4) n-Nitrosodimethylamine	3.85	42	62338	43.811	ng		98
6) Aniline	7.43	93	193792	33.614	ng		98
8) 2-Chlorophenol	7.66	128	154369	42.221	ng		99
9) Benzaldehyde	7.24	77	116083	39.267	ng		99
10) Phenol	7.27	94	250140	50.165	ng		98
11) bis(2-Chloroethyl)ether	7.51	93	143223	37.819	ng		97
12) 1,3-Dichlorobenzene	7.98	146	150079	36.872	ng		98
13) 1,4-Dichlorobenzene	8.14	146	151699	36.435	ng		97
14) 1,2-Dichlorobenzene	8.45	146	146732	36.636	ng		98
15) Benzyl Alcohol	8.34	79	145772	41.745	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	268511	39.625	ng		98
17) 2-Methylphenol	8.53	107	148121	44.932	ng		99
18) Hexachloroethane	9.18	117	54785	38.596	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	125017	38.416	ng		95
20) 3+4-Methylphenols	8.86	107	202966	43.064	ng		98
22) Acetophenone	8.93	105	237936	39.947	ng	#	98
24) Nitrobenzene	9.32	77	182554	41.449	ng		95
25) Isophorone	9.84	82	361353	46.648	ng		98
26) 2-Nitrophenol	10.03	139	89375	45.046	ng		96
27) 2,4-Dimethylphenol	10.07	122	172753	48.765	ng		100
28) bis(2-Chloroethoxy)methane	10.32	93	216539	42.666	ng		94
29) 2,4-Dichlorophenol	10.56	162	176796	44.823	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	165615	38.611	ng		98
31) Naphthalene	10.97	128	501784	43.016	ng		99
32) Benzoic acid	10.18	122	70102	30.467	ng		93
33) 4-Chloroaniline	11.09	127	144799	26.419	ng		95
34) Hexachlorobutadiene	11.23	225	94572	37.201	ng		99
35) Caprolactam	11.87	113	66638m	42.125	ng		
36) 4-Chloro-3-methylphenol	12.19	107	194117	43.639	ng		97
37) 2-Methylnaphthalene	12.57	142	383573	45.108	ng		99
38) 1-Methylnaphthalene	12.78	142	363130	43.973	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	194596	38.113	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	218802	89.713	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	149509	43.830	ng		100
44) 2,4,5-Trichlorophenol	13.24	196	161482	43.481	ng		97
46) 1,1'-Biphenyl	13.57	154	501259	38.237	ng		100
47) 2-Chloronaphthalene	13.62	162	398549	40.185	ng		99
48) 2-Nitroaniline	13.82	65	134971	44.877	ng		96
49) Acenaphthylene	14.46	152	656216	43.985	ng		99
50) Dimethylphthalate	14.18	163	643837	52.576	ng		99
51) 2,6-Dinitrotoluene	14.31	165	118352	43.688	ng		94
52) Acenaphthene	14.80	154	380345	41.395	ng		98
53) 3-Nitroaniline	14.65	138	104242	34.662	ng	#	94
54) 2,4-Dinitrophenol	14.85	184	68346	64.992	ng		93
55) Dibenzofuran	15.13	168	620407	40.754	ng		99
56) 4-Nitrophenol	14.94	139	254600	114.373	ng		98
57) 2,4-Dinitrotoluene	15.10	165	166078	46.703	ng	#	92
58) Fluorene	15.78	166	504070	44.217	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	137513	43.245	ng		96
60) Diethylphthalate	15.54	149	536137	42.645	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	263412	39.643	ng		96
62) 4-Nitroaniline	15.81	138	127505	42.668	ng		93
63) Azobenzene	16.06	77	505997	42.183	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	74690	39.788	ng		98
66) n-Nitrosodiphenylamine	15.99	169	458909	40.752	ng		100
67) 4-Bromophenyl-phenylether	16.66	248	162599	39.550	ng		97
68) Hexachlorobenzene	16.77	284	164857	38.691	ng		98
69) Atrazine	16.93	200	168579	41.405	ng		98
70) Pentachlorophenol	17.12	266	191019	66.929	ng		95
71) Phenanthrene	17.53	178	815081	42.839	ng		99
72) Anthracene	17.61	178	824639	44.165	ng		98
73) Carbazole	17.88	167	748171	40.057	ng		99
74) Di-n-butylphthalate	18.42	149	901169	43.373	ng		100
75) Fluoranthene	19.53	202	923318	42.786	ng		100
77) Benzidine	19.71	184	286603	25.650	ng		99
78) Pyrene	19.89	202	918960	42.779	ng		99
80) Butylbenzylphthalate	20.76	149	402423	45.774	ng		97
81) Benzo(a)anthracene	21.74	228	857279	44.106	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	229797	30.502	ng		99
83) Chrysene	21.82	228	799625	42.784	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	566105	45.938	ng		98
85) Di-n-octyl phthalate	22.86	149	956471	47.597	ng		98
86) Indeno(1,2,3-cd)pyrene	28.91	276	807926	40.303	ng		99
88) Benzo(b)fluoranthene	24.03	252	832049	44.336	ng		99
89) Benzo(k)fluoranthene	24.10	252	842422m	45.818	ng		
90) Benzo(a)pyrene	24.94	252	810678	45.460	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	638257	38.801	ng		98
92) Benzo(g,h,i)perylene	30.12	276	675030	40.562	ng		100

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

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