Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038529.D
Acq On : 13 Dec 2018 12:48
Operator : JU/SJ
Sample : J6275-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BF-01-120418MSD

Manual Integrations APPROVED
Sohil
12/13/2018 6:08:15 PM

Quant Time: Dec 13 16:46:59 2018
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	8.06	152	20318	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	87163	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	60441	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	153164	20.00	ng		0.00
76) Chrysene-d12	21.73	240	153161	20.00	ng		0.00
87) Perylene-d12	25.02	264	168296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	192191	167.77	ng		0.00
7) Phenol-d6	7.21	99	268962	171.03	ng		0.00
23) Nitrobenzene-d5	9.24	82	173991	101.98	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	141878	170.32	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	432600	98.19	ng		0.00
79) Terphenyl-d14	20.04	244	786705	111.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	19504	36.583	ng	#	91
3) Pyridine	3.89	79	43884	29.896	ng	#	83
4) n-Nitrosodimethylamine	3.82	42	39891	55.463	ng	#	90
6) Aniline	7.39	93	47487	23.654	ng		99
8) 2-Chlorophenol	7.62	128	71872	54.216	ng		97
9) Benzaldehyde	7.20	77	30629	30.023	ng		94
10) Phenol	7.24	94	105518	63.156	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	64919	48.805	ng		98
12) 1,3-Dichlorobenzene	7.95	146	73116	46.647	ng		98
13) 1,4-Dichlorobenzene	8.09	146	74388	46.339	ng		98
14) 1,2-Dichlorobenzene	8.41	146	71654	47.346	ng		98
15) Benzyl Alcohol	8.30	79	68711	55.977	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	150780	49.483	ng		98
17) 2-Methylphenol	8.49	107	64487	57.610	ng		97
18) Hexachloroethane	9.14	117	27224	46.410	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	57048	51.650	ng		98
20) 3+4-Methylphenols	8.83	107	90223	58.362	ng		96
22) Acetophenone	8.89	105	110051	50.548	ng	#	97
24) Nitrobenzene	9.28	77	86477	50.102	ng		98
25) Isophorone	9.79	82	164117	53.537	ng		98
26) 2-Nitrophenol	9.99	139	43185	48.885	ng		96
27) 2,4-Dimethylphenol	10.03	122	76098	60.106	ng		100
28) bis(2-Chloroethoxy)methane	10.27	93	91141	52.684	ng		97
29) 2,4-Dichlorophenol	10.52	162	81929	58.169	ng		100
30) 1,2,4-Trichlorobenzene	10.73	180	82716	48.619	ng		95
31) Naphthalene	10.93	128	229382	53.412	ng		99
32) Benzoic acid	10.19	122	27119	36.746	ng		91
33) 4-Chloroaniline	11.04	127	12830	6.881	ng	#	92
34) Hexachlorobutadiene	11.19	225	53541	46.509	ng		99
35) Caprolactam	11.82	113	30037m	51.531	ng		
36) 4-Chloro-3-methylphenol	12.15	107	89725	55.823	ng		95
37) 2-Methylnaphthalene	12.53	142	175034	57.129	ng		97
38) 1-Methylnaphthalene	12.75	142	167832	56.451	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	104136	46.093	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	125432	101.055	ng		92
43) 2,4,6-Trichlorophenol	13.13	196	74634	53.727	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	81141	55.169	ng		98
46) 1,1'-Biphenyl	13.53	154	235749	46.527	ng		99
47) 2-Chloronaphthalene	13.58	162	187405	47.882	ng		98
48) 2-Nitroaniline	13.79	65	66976	53.724	ng		98
49) Acenaphthylene	14.42	152	316167	54.035	ng		99
50) Dimethylphthalate	14.15	163	314241	63.665	ng		98
51) 2,6-Dinitrotoluene	14.28	165	59926	53.575	ng		94
52) Acenaphthene	14.76	154	179713	51.365	ng		97
53) 3-Nitroaniline	14.61	138	18756	16.449	ng	#	91
54) 2,4-Dinitrophenol	14.82	184	74092	109.298	ng		96
55) Dibenzofuran	15.10	168	307596	51.288	ng		98
56) 4-Nitrophenol	14.92	139	98411	113.770	ng		92
57) 2,4-Dinitrotoluene	15.07	165	84949	53.922	ng		96
58) Fluorene	15.74	166	247284	55.652	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	75209	56.837	ng		99
60) Diethylphthalate	15.50	149	274082	50.583	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	137685	49.663	ng		99
62) 4-Nitroaniline	15.78	138	59429	50.627	ng		94
63) Azobenzene	16.03	77	238482	52.686	ng		97
65) 4,6-Dinitro-2-methylphenol	15.83	198	54532	49.910	ng		99
66) n-Nitrosodiphenylamine	15.95	169	227802	50.619	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	92536	49.469	ng		100
68) Hexachlorobenzene	16.74	284	97361	50.210	ng		93
69) Atrazine	16.89	200	93985	56.275	ng		97
70) Pentachlorophenol	17.09	266	107543	93.766	ng		99
71) Phenanthrene	17.49	178	434279	54.678	ng		99
72) Anthracene	17.58	178	444522	56.692	ng		99
73) Carbazole	17.85	167	394147	50.828	ng		99
74) Di-n-butylphthalate	18.38	149	465246	52.287	ng		99
75) Fluoranthene	19.49	202	530906	54.024	ng		99
77) Benzidine	19.68	184	128717	28.417	ng		99
78) Pyrene	19.86	202	529709	52.352	ng		100
80) Butylbenzylphthalate	20.73	149	212572	53.774	ng		99
81) Benzo(a)anthracene	21.70	228	524270	56.175	ng		100
82) 3,3'-Dichlorobenzidine	21.62	252	90331	24.404	ng		99
83) Chrysene	21.77	228	482552	53.680	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	299048	53.339	ng		99
85) Di-n-octyl phthalate	22.80	149	506578	53.951	ng		98
86) Indeno(1,2,3-cd)pyrene	28.81	276	604746	57.222	ng	#	98
88) Benzo(b)fluoranthene	23.96	252	524968	56.814	ng		99
89) Benzo(k)fluoranthene	24.03	252	502086	54.567	ng		99
90) Benzo(a)pyrene	24.86	252	508129	57.001	ng		99
91) Dibenzo(a,h)anthracene	28.87	278	499071	56.228	ng		99
92) Benzo(g,h,i)perylene	30.00	276	502928	57.497	ng		98

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

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