Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037559.D
Acq On : 26 Oct 2018 00:12
Operator : JU/SJ
Sample : PB114176BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114176BS

Manual Integrations APPROVED
Sohil
10/26/2018 3:46:46 PM

Quant Time: Oct 26 08:35:25 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	50703	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	245183	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	168508	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	413706	20.00	ng		0.00
76) Chrysene-d12	21.77	240	363628	20.00	ng		0.00
87) Perylene-d12	25.10	264	383126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	501806	165.46	ng		0.00
7) Phenol-d6	7.25	99	721440	157.32	ng		0.00
23) Nitrobenzene-d5	9.28	82	337872	77.20	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	273912	149.04	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	833639	74.60	ng		0.00
79) Terphenyl-d14	20.08	244	1256984	73.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	47739	31.040	ng		97
3) Pyridine	3.93	79	139782	36.060	ng		96
4) n-Nitrosodimethylamine	3.85	42	63376	45.901	ng	#	94
6) Aniline	7.43	93	212991	38.072	ng		96
8) 2-Chlorophenol	7.66	128	168014	47.356	ng		99
9) Benzaldehyde	7.24	77	96375	33.596	ng		94
10) Phenol	7.28	94	227827	47.085	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	149523	40.687	ng		96
12) 1,3-Dichlorobenzene	7.99	146	155748	39.433	ng		98
13) 1,4-Dichlorobenzene	8.14	146	161401	39.949	ng		99
14) 1,2-Dichlorobenzene	8.46	146	154620	39.785	ng		98
15) Benzyl Alcohol	8.34	79	154416	45.571	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	279685	42.534	ng		97
17) 2-Methylphenol	8.54	107	154868	48.413	ng		98
18) Hexachloroethane	9.19	117	57281	41.587	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	130921	41.458	ng		94
20) 3+4-Methylphenols	8.86	107	217621	47.583	ng		97
22) Acetophenone	8.93	105	244668	39.789	ng	#	96
24) Nitrobenzene	9.32	77	189409	41.657	ng		93
25) Isophorone	9.84	82	373862	46.750	ng		98
26) 2-Nitrophenol	10.03	139	91998	44.914	ng		97
27) 2,4-Dimethylphenol	10.07	122	185972	50.851	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	226515	43.232	ng		96
29) 2,4-Dichlorophenol	10.56	162	185810	45.632	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	170752	38.561	ng		96
31) Naphthalene	10.97	128	518614	43.064	ng		99
32) Benzoic acid	10.20	122	124328	52.340	ng		97
33) 4-Chloroaniline	11.09	127	156775	27.707	ng		97
34) Hexachlorobutadiene	11.24	225	97426	37.122	ng		97
35) Caprolactam	11.87	113	72131m	44.168	ng		
36) 4-Chloro-3-methylphenol	12.19	107	209020	45.516	ng		99
37) 2-Methylnaphthalene	12.57	142	400608	45.634	ng		99
38) 1-Methylnaphthalene	12.79	142	383926	45.033	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	201533	37.079	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	241003	92.826	ng		95
43) 2,4,6-Trichlorophenol	13.17	196	158807	43.734	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	175003	44.265	ng		95
46) 1,1'-Biphenyl	13.57	154	524102	37.556	ng		98
47) 2-Chloronaphthalene	13.62	162	413069	39.124	ng		98
48) 2-Nitroaniline	13.83	65	144046	44.991	ng		98
49) Acenaphthylene	14.46	152	704079	44.332	ng		99
50) Dimethylphthalate	14.19	163	549737	42.170	ng		99
51) 2,6-Dinitrotoluene	14.32	165	125678	43.580	ng		96
52) Acenaphthene	14.80	154	409636	41.880	ng		98
53) 3-Nitroaniline	14.65	138	112759	35.221	ng	#	94
54) 2,4-Dinitrophenol	14.85	184	105870	81.620	ng		93
55) Dibenzofuran	15.13	168	652257	40.249	ng		98
56) 4-Nitrophenol	14.95	139	293838	123.997	ng		99
57) 2,4-Dinitrotoluene	15.10	165	177029	46.765	ng		96
58) Fluorene	15.79	166	533546	43.965	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	151737	44.826	ng		98
60) Diethylphthalate	15.54	149	565203	42.231	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	279547	39.521	ng		99
62) 4-Nitroaniline	15.81	138	140104	44.041	ng		92
63) Azobenzene	16.06	77	539833	42.275	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	88460	42.033	ng		99
66) n-Nitrosodiphenylamine	15.99	169	491550	39.500	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	175964	38.732	ng		98
68) Hexachlorobenzene	16.78	284	178498	37.909	ng		98
69) Atrazine	16.93	200	185855	41.308	ng		98
70) Pentachlorophenol	17.13	266	219806	69.692	ng		97
71) Phenanthrene	17.52	178	886644	42.169	ng		99
72) Anthracene	17.62	178	900688	43.651	ng		98
73) Carbazole	17.89	167	817047	39.586	ng		99
74) Di-n-butylphthalate	18.42	149	963905	41.981	ng		99
75) Fluoranthene	19.53	202	1016418	42.622	ng		97
77) Benzidine	19.72	184	505627	40.894	ng		100
78) Pyrene	19.89	202	1006647	42.348	ng		100
80) Butylbenzylphthalate	20.76	149	441460	45.378	ng		98
81) Benzo(a)anthracene	21.75	228	947125	44.035	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	266172	31.928	ng		99
83) Chrysene	21.82	228	876798	42.395	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	617377	45.274	ng		97
85) Di-n-octyl phthalate	22.87	149	1036683	46.620	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	979483	44.156	ng		99
88) Benzo(b)fluoranthene	24.03	252	940204	44.762	ng		99
89) Benzo(k)fluoranthene	24.11	252	888007	43.152	ng		98
90) Benzo(a)pyrene	24.95	252	899349	45.060	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	795943	43.233	ng		97
92) Benzo(g,h,i)perylene	30.14	276	800257	42.964	ng		99

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

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