Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110718\
Data File : BG037880.D
Acq On : 8 Nov 2018 1:12
Operator : JU/SJ
Sample : PB114465BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114465BSD

Manual Integrations APPROVED
Sohil
11/9/2018 1:37:07 PM

Quant Time: Nov 08 15:43:40 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	8.09	152	56207	20.00	ng		-0.02
21) Naphthalene-d8	10.92	136	239921	20.00	ng		-0.01
39) Acenaphthene-d10	14.73	164	157026	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	360232	20.00	ng		-0.01
76) Chrysene-d12	21.76	240	316571	20.00	ng		-0.02
87) Perylene-d12	25.08	264	320855	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	282056	83.90	ng		-0.01
7) Phenol-d6	7.24	99	402217	79.12	ng		-0.01
23) Nitrobenzene-d5	9.27	82	351711	82.12	ng		-0.01
42) 2,4,6-Tribromophenol	16.22	330	144351	84.28	ng		-0.01
45) 2-Fluorobiphenyl	13.35	172	840509	80.72	ng		-0.02
79) Terphenyl-d14	20.07	244	1206429	81.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	40248	23.607	ng		99
3) Pyridine	3.93	79	119418	27.790	ng		95
4) n-Nitrosodimethylamine	3.84	42	52820	34.509	ng		90
6) Aniline	7.42	93	114593	18.477	ng		98
8) 2-Chlorophenol	7.65	128	150165	38.181	ng		97
9) Benzaldehyde	7.23	77	95612	30.066	ng		94
10) Phenol	7.27	94	202662	37.783	ng		95
11) bis(2-Chloroethyl)ether	7.51	93	136312	33.460	ng		97
12) 1,3-Dichlorobenzene	7.98	146	147149	33.607	ng		98
13) 1,4-Dichlorobenzene	8.13	146	152256	33.995	ng		96
14) 1,2-Dichlorobenzene	8.45	146	142788	33.142	ng		97
15) Benzyl Alcohol	8.33	79	131179	34.922	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	246658	33.838	ng		97
17) 2-Methylphenol	8.53	107	135778	38.289	ng		100
18) Hexachloroethane	9.17	117	53573	35.086	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	110350	31.522	ng		94
20) 3+4-Methylphenols	8.85	107	188922	37.263	ng		99
22) Acetophenone	8.93	105	215758	35.857	ng	#	95
24) Nitrobenzene	9.31	77	166172	37.348	ng		96
25) Isophorone	9.82	82	317691	40.597	ng		99
26) 2-Nitrophenol	10.02	139	84787	42.302	ng		99
27) 2,4-Dimethylphenol	10.07	122	160485	44.844	ng		99
28) bis(2-Chloroethoxy)methane	10.31	93	198608	38.737	ng		100
29) 2,4-Dichlorophenol	10.55	162	164568	41.301	ng		98
30) 1,2,4-Trichlorobenzene	10.77	180	160464	37.032	ng		97
31) Naphthalene	10.96	128	472000	40.053	ng		99
32) Benzoic acid	10.19	122	82828	35.634	ng		96
33) 4-Chloroaniline	11.08	127	82447	14.890	ng		96
34) Hexachlorobutadiene	11.22	225	95796	37.302	ng		98
35) Caprolactam	11.86	113	58118m	36.368	ng		
36) 4-Chloro-3-methylphenol	12.18	107	176686	39.319	ng		99
37) 2-Methylnaphthalene	12.56	142	360167	41.927	ng		100
38) 1-Methylnaphthalene	12.78	142	341837	40.976	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	191397	37.789	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	230813	95.401	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	139549	41.240	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	150585	40.873	ng		99
46) 1,1'-Biphenyl	13.56	154	469932	36.136	ng		99
47) 2-Chloronaphthalene	13.61	162	373251	37.938	ng		99
48) 2-Nitroaniline	13.82	65	121889	40.854	ng		93
49) Acenaphthylene	14.45	152	615655	41.599	ng		100
50) Dimethylphthalate	14.18	163	475283	39.125	ng		99
51) 2,6-Dinitrotoluene	14.31	165	109426	40.719	ng		93
52) Acenaphthene	14.79	154	361592	39.671	ng		98
53) 3-Nitroaniline	14.64	138	79190	26.544	ng	#	92
54) 2,4-Dinitrophenol	14.84	184	57868	58.952	ng		97
55) Dibenzofuran	15.12	168	574638	38.052	ng		99
56) 4-Nitrophenol	14.94	139	222783	100.887	ng		99
57) 2,4-Dinitrotoluene	15.09	165	155763	44.156	ng		95
58) Fluorene	15.78	166	468456	41.424	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	130395	41.337	ng		99
60) Diethylphthalate	15.53	149	485319	38.914	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	248842	37.752	ng		97
62) 4-Nitroaniline	15.81	138	114675	38.684	ng		90
63) Azobenzene	16.05	77	458966	38.571	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	65890	37.186	ng		97
66) n-Nitrosodiphenylamine	15.98	169	421673	38.915	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	154351	39.018	ng		99
68) Hexachlorobenzene	16.77	284	154750	37.744	ng		96
69) Atrazine	16.92	200	156231	39.878	ng		98
70) Pentachlorophenol	17.12	266	165063	60.104	ng		98
71) Phenanthrene	17.52	178	751531	41.049	ng		100
72) Anthracene	17.61	178	763847	42.514	ng		99
73) Carbazole	17.88	167	688988	38.336	ng		99
74) Di-n-butylphthalate	18.41	149	820197	41.025	ng		99
75) Fluoranthene	19.52	202	867251	41.765	ng		99
77) Benzidine	19.71	184	273781	25.434	ng		99
78) Pyrene	19.88	202	860882	41.599	ng		99
80) Butylbenzylphthalate	20.75	149	369625	43.642	ng		98
81) Benzo(a)anthracene	21.74	228	805834	43.035	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	173848	23.953	ng		99
83) Chrysene	21.80	228	755274	41.947	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	519749	43.780	ng		98
85) Di-n-octyl phthalate	22.85	149	878948	45.403	ng		97
86) Indeno(1,2,3-cd)pyrene	28.90	276	715339	37.041	ng	#	90
88) Benzo(b)fluoranthene	24.02	252	766018	43.547	ng		99
89) Benzo(k)fluoranthene	24.09	252	768222	44.576	ng		97
90) Benzo(a)pyrene	24.93	252	739540	44.244	ng		98
91) Dibenzo(a,h)anthracene	28.96	278	573338	37.185	ng		98
92) Benzo(g,h,i)perylene	30.10	276	612990	39.297	ng		99

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

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