Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101518\
Data File : BG037331.D
Acq On : 15 Oct 2018 13:31
Operator : JU/SJ
Sample : PB113787BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113787BS

Manual Integrations APPROVED
Sohil
10/16/2018 10:04:12 AM

Quant Time: Oct 16 04:22:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	59045	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	266516	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	176839	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	428509	20.00	ng		0.00
76) Chrysene-d12	21.78	240	393104	20.00	ng		-0.01
87) Perylene-d12	25.12	264	416864	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	351044	104.63	ng		0.00
7) Phenol-d6	7.26	99	499556	98.10	ng		0.00
23) Nitrobenzene-d5	9.30	82	376726	92.93	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	170216	98.15	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1052261	89.36	ng		0.00
79) Terphenyl-d14	20.10	244	1490277	79.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	52367	27.791	ng		97
3) Pyridine	3.94	79	155692	34.801	ng		92
4) n-Nitrosodimethylamine	3.86	42	73872	42.520	ng	#	94
6) Aniline	7.44	93	136701	20.507	ng		97
8) 2-Chlorophenol	7.67	128	185536	47.251	ng		97
9) Benzaldehyde	7.25	77	93319	26.617	ng		98
10) Phenol	7.28	94	256789	47.879	ng		97
11) bis(2-Chloroethyl)ether	7.53	93	176222	40.219	ng		93
12) 1,3-Dichlorobenzene	8.00	146	186755	40.458	ng		98
13) 1,4-Dichlorobenzene	8.15	146	190437	40.749	ng		99
14) 1,2-Dichlorobenzene	8.47	146	181692	40.121	ng		99
15) Benzyl Alcohol	8.36	79	171640	43.090	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	312581	36.087	ng		97
17) 2-Methylphenol	8.54	107	173521	48.308	ng		99
18) Hexachloroethane	9.20	117	60648	38.021	ng		96
19) n-Nitroso-di-n-propylamine	8.93	70	147066	38.145	ng		92
20) 3+4-Methylphenols	8.88	107	238025	47.392	ng		98
22) Acetophenone	8.94	105	279632	41.622	ng	#	97
24) Nitrobenzene	9.34	77	194676	44.836	ng		96
25) Isophorone	9.85	82	420556	45.445	ng		96
26) 2-Nitrophenol	10.05	139	59525	39.141	ng		98
27) 2,4-Dimethylphenol	10.09	122	198252	51.253	ng		98
28) bis(2-Chloroethoxy)methane	10.34	93	256496	44.301	ng		95
29) 2,4-Dichlorophenol	10.57	162	197918	50.406	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	196611	41.149	ng		99
31) Naphthalene	10.99	128	587646	45.369	ng		99
32) Benzoic acid	10.21	122	81528	38.171	ng		94
33) 4-Chloroaniline	11.09	127	58902	9.694	ng		93
34) Hexachlorobutadiene	11.25	225	116270	39.186	ng		95
35) Caprolactam	11.89	113	79121m	49.428	ng		
36) 4-Chloro-3-methylphenol	12.20	107	225292	48.583	ng		99
37) 2-Methylnaphthalene	12.59	142	446185	47.203	ng		99
38) 1-Methylnaphthalene	12.80	142	428309	46.394	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	230324	40.219	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	238079	100.843	ng		96
43) 2,4,6-Trichlorophenol	13.18	196	162211	48.827	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	181730	50.841	ng		98
46) 1,1'-Biphenyl	13.59	154	594430	40.863	ng		99
47) 2-Chloronaphthalene	13.63	162	467022	42.502	ng		99
48) 2-Nitroaniline	13.84	65	119575	41.104	ng		94
49) Acenaphthylene	14.48	152	775900	46.160	ng		99
50) Dimethylphthalate	14.20	163	620620	44.658	ng		100
51) 2,6-Dinitrotoluene	14.33	165	121218	45.215	ng		99
52) Acenaphthene	14.81	154	455128	43.835	ng		100
53) 3-Nitroaniline	14.65	138	50569	17.392	ng		97
54) 2,4-Dinitrophenol	14.86	184	54186	77.921	ng		98
55) Dibenzofuran	15.15	168	725718	43.076	ng		98
56) 4-Nitrophenol	14.95	139	223575	98.642	ng		97
57) 2,4-Dinitrotoluene	15.11	165	169459	49.421	ng		99
58) Fluorene	15.79	166	594918	46.691	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	159008	50.245	ng		99
60) Diethylphthalate	15.55	149	636896	44.222	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	311362	41.806	ng		100
62) 4-Nitroaniline	15.82	138	142312	46.630	ng		92
63) Azobenzene	16.08	77	589632	42.700	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	53342	40.789	ng		99
66) n-Nitrosodiphenylamine	16.00	169	554288	44.047	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	200535	43.362	ng		99
68) Hexachlorobenzene	16.79	284	202804	42.295	ng		95
69) Atrazine	16.94	200	215458	46.067	ng		97
70) Pentachlorophenol	17.13	266	222567	71.944	ng		93
71) Phenanthrene	17.54	178	1005368	46.091	ng		99
72) Anthracene	17.63	178	1017820	47.672	ng		98
73) Carbazole	17.90	167	943946	42.910	ng		99
74) Di-n-butylphthalate	18.44	149	1080726	45.837	ng		100
75) Fluoranthene	19.54	202	1188178	46.606	ng		98
77) Benzidine	19.72	184	254394	16.916	ng		99
78) Pyrene	19.90	202	1187866	46.364	ng		99
80) Butylbenzylphthalate	20.78	149	458993	46.046	ng		95
81) Benzo(a)anthracene	21.76	228	1126244	47.837	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	183221	20.174	ng		96
83) Chrysene	21.83	228	1029327	45.833	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	660868	46.170	ng		99
85) Di-n-octyl phthalate	22.90	149	1062681	45.742	ng		99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1207895	48.523	ng	#	90
88) Benzo(b)fluoranthene	24.06	252	1101796	48.614	ng		99
89) Benzo(k)fluoranthene	24.13	252	1050022	46.952	ng		97
90) Benzo(a)pyrene	24.97	252	1068912	49.185	ng		99
91) Dibenzo(a,h)anthracene	29.04	278	992581	47.734	ng		96
92) Benzo(g,h,i)perylene	30.18	276	1013630	48.807	ng		97

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

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