Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037659.D
Acq On : 30 Oct 2018 18:37
Operator : JU/SJ
Sample : PB114322BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114322BS

Manual Integrations APPROVED
Sohil
10/31/2018 11:54:14 AM

Quant Time: Oct 31 09:04:41 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	48941	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	224972	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	152053	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	377135	20.00	ng		0.00
76) Chrysene-d12	21.77	240	341534	20.00	ng		0.00
87) Perylene-d12	25.10	264	357411	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	463995	158.50	ng		0.00
7) Phenol-d6	7.25	99	664343	150.08	ng		0.00
23) Nitrobenzene-d5	9.28	82	312591	77.84	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	255173	153.86	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	747682	74.15	ng		0.00
79) Terphenyl-d14	20.08	244	1172499	73.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	46507	31.328	ng		98
3) Pyridine	3.93	79	134952	36.067	ng		91
4) n-Nitrosodimethylamine	3.85	42	59617	44.733	ng	#	99
6) Aniline	7.42	93	175517	32.503	ng		94
8) 2-Chlorophenol	7.66	128	153500	44.823	ng		99
9) Benzaldehyde	7.24	77	80565	29.096	ng		99
10) Phenol	7.28	94	209845	44.930	ng		96
11) bis(2-Chloroethyl)ether	7.52	93	140231	39.533	ng		98
12) 1,3-Dichlorobenzene	7.98	146	148986	39.079	ng		99
13) 1,4-Dichlorobenzene	8.14	146	154339	39.576	ng		99
14) 1,2-Dichlorobenzene	8.45	146	147330	39.274	ng		99
15) Benzyl Alcohol	8.34	79	139607	42.684	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	254956	40.170	ng		98
17) 2-Methylphenol	8.54	107	140543	45.517	ng		99
18) Hexachloroethane	9.18	117	53981	40.602	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	116910	38.354	ng		96
20) 3+4-Methylphenols	8.86	107	197014	44.628	ng		99
22) Acetophenone	8.93	105	219834	38.962	ng	#	98
24) Nitrobenzene	9.32	77	172752	41.407	ng		94
25) Isophorone	9.83	82	330926	45.098	ng		97
26) 2-Nitrophenol	10.03	139	86852	46.211	ng		97
27) 2,4-Dimethylphenol	10.07	122	170363	50.768	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	203567	42.342	ng		96
29) 2,4-Dichlorophenol	10.56	162	166145	44.468	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	156021	38.399	ng		98
31) Naphthalene	10.97	128	471342	42.655	ng		99
32) Benzoic acid	10.20	122	113328	51.995	ng		99
33) 4-Chloroaniline	11.09	127	122060	23.509	ng		96
34) Hexachlorobutadiene	11.23	225	91503	37.998	ng		97
35) Caprolactam	11.87	113	64852m	43.278	ng		
36) 4-Chloro-3-methylphenol	12.18	107	188027	44.623	ng		98
37) 2-Methylnaphthalene	12.57	142	358920	44.558	ng		98
38) 1-Methylnaphthalene	12.79	142	346272	44.266	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	185122	37.745	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	226449	96.659	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	144927	44.230	ng		100
44) 2,4,5-Trichlorophenol	13.24	196	160670	45.037	ng		99
46) 1,1'-Biphenyl	13.57	154	467779	37.147	ng		98
47) 2-Chloronaphthalene	13.62	162	376008	39.468	ng		98
48) 2-Nitroaniline	13.82	65	127753	44.220	ng		95
49) Acenaphthylene	14.46	152	626463	43.714	ng		99
50) Dimethylphthalate	14.18	163	495040	42.084	ng		99
51) 2,6-Dinitrotoluene	14.32	165	114019	43.816	ng		93
52) Acenaphthene	14.80	154	361170	40.921	ng		98
53) 3-Nitroaniline	14.65	138	98663	34.153	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	103479	85.627	ng		94
55) Dibenzofuran	15.13	168	590081	40.353	ng		99
56) 4-Nitrophenol	14.95	139	271311	126.881	ng		99
57) 2,4-Dinitrotoluene	15.10	165	163212	47.781	ng		94
58) Fluorene	15.78	166	482481	44.060	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	140101	45.867	ng		99
60) Diethylphthalate	15.54	149	518071	42.899	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	251915	39.468	ng		96
62) 4-Nitroaniline	15.82	138	128384	44.725	ng		89
63) Azobenzene	16.06	77	480099	41.666	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	84994	43.843	ng		99
66) n-Nitrosodiphenylamine	15.99	169	450979	39.754	ng		100
67) 4-Bromophenyl-phenylether	16.66	248	159212	38.443	ng		98
68) Hexachlorobenzene	16.77	284	163562	38.105	ng		96
69) Atrazine	16.93	200	170014	41.451	ng		98
70) Pentachlorophenol	17.12	266	203384	70.738	ng		96
71) Phenanthrene	17.52	178	815436	42.543	ng		100
72) Anthracene	17.62	178	825510	43.887	ng		99
73) Carbazole	17.89	167	756939	40.230	ng		100
74) Di-n-butylphthalate	18.42	149	909538	43.455	ng		99
75) Fluoranthene	19.53	202	949842	43.693	ng		98
77) Benzidine	19.71	184	401161	34.544	ng		99
78) Pyrene	19.89	202	942754	42.226	ng		99
80) Butylbenzylphthalate	20.76	149	408487	44.705	ng		99
81) Benzo(a)anthracene	21.74	228	884368	43.777	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	228053	29.125	ng		98
83) Chrysene	21.81	228	811258	41.763	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	566635	44.241	ng		99
85) Di-n-octyl phthalate	22.87	149	967128	46.306	ng		97
86) Indeno(1,2,3-cd)pyrene	28.92	276	894303	42.924	ng		98
88) Benzo(b)fluoranthene	24.03	252	869312	44.365	ng		100
89) Benzo(k)fluoranthene	24.11	252	812520	42.324	ng		98
90) Benzo(a)pyrene	24.94	252	828683	44.506	ng		100
91) Dibenzo(a,h)anthracene	28.99	278	719978	41.920	ng		97
92) Benzo(g,h,i)perylene	30.12	276	725387	41.747	ng		99

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

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