Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
Data File : BG037761.D
Acq On : 2 Nov 2018 19:19
Operator : JU/SJ
Sample : PB114425BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114425BSD

Manual Integrations APPROVED
Sohil
11/5/2018 9:49:57 AM

Quant Time: Nov 03 01:43:35 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	52175	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	239624	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	163876	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	381271	20.00	ng		0.00
76) Chrysene-d12	21.77	240	342498	20.00	ng		0.00
87) Perylene-d12	25.10	264	352368	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	472141	151.29	ng		0.00
7) Phenol-d6	7.25	99	678146	143.70	ng		0.00
23) Nitrobenzene-d5	9.27	82	324787	75.93	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	265157	148.35	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	810974	74.62	ng		-0.02
79) Terphenyl-d14	20.08	244	1182435	73.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	62766	39.659	ng		98
3) Pyridine	3.93	79	140373	35.190	ng		96
4) n-Nitrosodimethylamine	3.85	42	59334	41.761	ng		91
6) Aniline	7.42	93	179195	31.127	ng		98
8) 2-Chlorophenol	7.66	128	161393	44.207	ng		100
9) Benzaldehyde	7.24	77	82049	27.795	ng		96
10) Phenol	7.27	94	212543	42.687	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	144989	38.341	ng		94
12) 1,3-Dichlorobenzene	7.99	146	162356	39.946	ng		99
13) 1,4-Dichlorobenzene	8.13	146	165564	39.823	ng		97
14) 1,2-Dichlorobenzene	8.45	146	156879	39.227	ng		98
15) Benzyl Alcohol	8.34	79	141405	40.554	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	267503	39.534	ng		98
17) 2-Methylphenol	8.53	107	146333	44.455	ng		98
18) Hexachloroethane	9.18	117	59226	41.786	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	120339	37.032	ng		95
20) 3+4-Methylphenols	8.86	107	199670	42.426	ng		98
22) Acetophenone	8.93	105	231543	38.528	ng	#	97
24) Nitrobenzene	9.32	77	180339	40.583	ng		96
25) Isophorone	9.83	82	345204	44.168	ng		97
26) 2-Nitrophenol	10.03	139	91913	45.914	ng		96
27) 2,4-Dimethylphenol	10.07	122	171233	47.907	ng		96
28) bis(2-Chloroethoxy)methane	10.31	93	209572	40.926	ng		98
29) 2,4-Dichlorophenol	10.56	162	173991	43.720	ng		97
30) 1,2,4-Trichlorobenzene	10.77	180	174876	40.408	ng		97
31) Naphthalene	10.97	128	510894	43.407	ng		99
32) Benzoic acid	10.19	122	95409	41.097	ng		98
33) 4-Chloroaniline	11.08	127	139821	25.284	ng		98
34) Hexachlorobutadiene	11.24	225	101751	39.670	ng		99
35) Caprolactam	11.86	113	63548m	39.815	ng		
36) 4-Chloro-3-methylphenol	12.18	107	188707	42.046	ng		99
37) 2-Methylnaphthalene	12.56	142	395260	46.070	ng		99
38) 1-Methylnaphthalene	12.79	142	372984	44.765	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	209765	39.684	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	267722	106.031	ng		100
43) 2,4,6-Trichlorophenol	13.16	196	152084	43.066	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	164524	42.790	ng		98
46) 1,1'-Biphenyl	13.57	154	504980	37.208	ng		98
47) 2-Chloronaphthalene	13.62	162	408585	39.793	ng		99
48) 2-Nitroaniline	13.82	65	130922	42.048	ng		95
49) Acenaphthylene	14.46	152	665957	43.117	ng		100
50) Dimethylphthalate	14.18	163	514798	40.606	ng		99
51) 2,6-Dinitrotoluene	14.31	165	116955	41.702	ng		96
52) Acenaphthene	14.80	154	390912	41.096	ng		99
53) 3-Nitroaniline	14.64	138	98787	31.729	ng	#	92
54) 2,4-Dinitrophenol	14.85	184	92732	76.630	ng		96
55) Dibenzofuran	15.13	168	629930	39.970	ng		100
56) 4-Nitrophenol	14.94	139	262874	114.066	ng		100
57) 2,4-Dinitrotoluene	15.10	165	164713	44.741	ng		92
58) Fluorene	15.78	166	509384	43.161	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	142224	43.203	ng		99
60) Diethylphthalate	15.54	149	529449	40.678	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	271576	39.479	ng		97
62) 4-Nitroaniline	15.81	138	126845	41.000	ng		88
63) Azobenzene	16.06	77	499510	40.223	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	84066	43.078	ng		97
66) n-Nitrosodiphenylamine	15.98	169	464719	40.521	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	168444	40.230	ng		97
68) Hexachlorobenzene	16.77	284	169109	38.970	ng		99
69) Atrazine	16.92	200	170412	41.097	ng		98
70) Pentachlorophenol	17.12	266	198054	68.137	ng		97
71) Phenanthrene	17.52	178	820161	42.326	ng		99
72) Anthracene	17.62	178	830163	43.656	ng		99
73) Carbazole	17.89	167	755726	39.729	ng		99
74) Di-n-butylphthalate	18.42	149	884614	41.806	ng		99
75) Fluoranthene	19.53	202	943127	42.913	ng		99
77) Benzidine	19.71	184	392661	33.717	ng		100
78) Pyrene	19.89	202	937323	41.864	ng		99
80) Butylbenzylphthalate	20.76	149	401964	43.867	ng		97
81) Benzo(a)anthracene	21.75	228	876311	43.257	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	241980	30.816	ng		99
83) Chrysene	21.81	228	823712	42.285	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	569301	44.324	ng		99
85) Di-n-octyl phthalate	22.86	149	945246	45.131	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	791377	37.877	ng		98
88) Benzo(b)fluoranthene	24.03	252	825546	42.734	ng		100
89) Benzo(k)fluoranthene	24.10	252	827531	43.723	ng		99
90) Benzo(a)pyrene	24.94	252	806003	43.908	ng		98
91) Dibenzo(a,h)anthracene	28.99	278	587683	34.707	ng		99
92) Benzo(g,h,i)perylene	30.12	276	650445	37.969	ng		99

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

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