Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
Data File : BG029409.D
Acq On : 23 Oct 2017 21:31
Operator : SJ/JU
Sample : I6034-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-STONEMSD

Manual Integrations APPROVED
Sohil
10/24/2017 8:47:47 PM

Quant Time: Oct 24 06:52:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	66023	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	289849	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	193141	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	500793	20.00	ng		0.00
75) Chrysene-d12	21.79	240	558560	20.00	ng		0.00
86) Perylene-d12	25.09	264	489147	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	492073	124.51	ng		0.00
7) Phenol-d6	7.32	99	626710	112.97	ng		0.00
23) Nitrobenzene-d5	9.33	82	404956	88.78	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	367720	147.46	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1078207	81.88	ng		0.00
78) Terphenyl-d14	20.11	244	1932529	78.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	56991	35.541	ng	#	79
3) Pyridine	4.01	79	204825	43.863	ng		91
4) n-Nitrosodimethylamine	3.90	42	86030	39.413	ng	#	95
6) Aniline	7.49	93	17627	2.566	ng		94
8) 2-Chlorophenol	7.73	128	181698	40.109	ng		90
9) Benzaldehyde	7.30	77	117263	42.026	ng		91
10) Phenol	7.35	94	218844	36.592	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	171646	39.392	ng		92
12) 1,3-Dichlorobenzene	8.06	146	190246	37.406	ng		97
13) 1,4-Dichlorobenzene	8.20	146	195814	37.710	ng		94
14) 1,2-Dichlorobenzene	8.52	146	187190	37.374	ng		98
15) Benzyl Alcohol	8.40	79	126581	32.379	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	280360	37.886	ng		96
17) 2-Methylphenol	8.60	107	161114	40.553	ng		97
18) Hexachloroethane	9.25	117	67764	38.294	ng		92
19) n-Nitroso-di-n-propylamine	8.97	70	147907	39.212	ng	#	97
20) 3+4-Methylphenols	8.93	107	227226	40.591	ng		98
22) Acetophenone	8.99	105	272380	38.994	ng	#	93
24) Nitrobenzene	9.37	77	207342	40.430	ng		90
25) Isophorone	9.89	82	404703	42.502	ng		95
26) 2-Nitrophenol	10.09	139	105019	42.846	ng		91
27) 2,4-Dimethylphenol	10.14	122	190056	42.857	ng		94
28) bis(2-Chloroethoxy)methane	10.37	93	228607	39.153	ng		99
29) 2,4-Dichlorophenol	10.62	162	207161	43.806	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	208114	40.735	ng		97
31) Naphthalene	11.03	128	576895	39.936	ng		98
32) Benzoic acid	10.27	122	137768	37.102	ng	#	85
34) Hexachlorobutadiene	11.32	225	129138	40.654	ng		95
35) Caprolactam	11.90	113	67507m	42.952	ng		
36) 4-Chloro-3-methylphenol	12.24	107	224738	43.209	ng		91
37) 2-Methylnaphthalene	12.63	142	441526	41.938	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	240789	34.147	ng		99
40) Hexachlorocyclopentadiene	12.97	237	310010	113.952	ng		90
42) 2,4,6-Trichlorophenol	13.23	196	185039	41.801	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.30	196	206352	45.391	ng		96
45) 1,1'-Biphenyl	13.62	154	601386	36.225	ng		97
46) 2-Chloronaphthalene	13.67	162	466921	38.560	ng		97
47) 2-Nitroaniline	13.86	65	106467	32.010	ng	#	86
48) Acenaphthylene	14.51	152	746165	39.373	ng		99
49) Dimethylphthalate	14.23	163	676978	44.924	ng		99
50) 2,6-Dinitrotoluene	14.35	165	145580	46.084	ng	#	83
51) Acenaphthene	14.85	154	465485	37.751	ng		99
52) 3-Nitroaniline	14.68	138	23000	6.747	ng	#	85
53) 2,4-Dinitrophenol	14.89	184	180562	101.825	ng	#	52
54) Dibenzofuran	15.18	168	763685	43.385	ng		100
55) 4-Nitrophenol	14.99	139	237636	84.559	ng	#	83
56) 2,4-Dinitrotoluene	15.14	165	211685	49.501	ng	#	81
57) Fluorene	15.83	166	609430	41.910	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	201657	53.168	ng		95
59) Diethylphthalate	15.58	149	667305	44.433	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	341419	44.037	ng		96
61) 4-Nitroaniline	15.84	138	67923	19.405	ng		81
62) Azobenzene	16.10	77	528962	41.768	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	118409	42.247	ng		85
65) n-Nitrosodiphenylamine	16.02	169	103750	6.916	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	231321	40.254	ng		97
67) Hexachlorobenzene	16.83	284	242251	37.217	ng		97
68) Atrazine	16.96	200	13222	2.470	ng		91
69) Pentachlorophenol	17.17	266	327386	87.554	ng		98
70) Phenanthrene	17.56	178	1052444	40.680	ng		98
71) Anthracene	17.66	178	1069767	41.180	ng		97
72) Carbazole	17.92	167	386644	15.494	ng		100
73) Di-n-butylphthalate	18.47	149	1193024	41.567	ng		99
74) Fluoranthene	19.56	202	1329067	43.922	ng		96
77) Pyrene	19.92	202	1349804	39.837	ng		95
79) Butylbenzylphthalate	20.79	149	573648	39.738	ng		90
80) Benzo(a)anthracene	21.77	228	1375197	41.934	ng		98
82) Chrysene	21.84	228	1286541	40.964	ng		96
83) Bis(2-ethylhexyl)phthalate	21.66	149	800759	38.652	ng		100
84) Di-n-octyl phthalate	22.90	149	1371004	37.971	ng		97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1579879	40.889	ng	#	93
87) Benzo(b)fluoranthene	24.05	252	1400572	50.013	ng		98
88) Benzo(k)fluoranthene	24.12	252	1342739	48.128	ng		97
89) Benzo(a)pyrene	24.95	252	1249328	46.406	ng		99
90) Dibenzo(a,h)anthracene	28.95	278	1348881	49.490	ng		97
91) Benzo(g,h,i)perylene	30.07	276	1269534	50.131	ng		98

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

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