Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
Data File : BG029408.D
Acq On : 23 Oct 2017 20:51
Operator : SJ/JU
Sample : I6034-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-STONEMS

Manual Integrations APPROVED
Sohil
10/24/2017 8:47:45 PM

Quant Time: Oct 24 06:50:38 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	63533	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	277969	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	187246	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	468391	20.00	ng		0.00
75) Chrysene-d12	21.79	240	517915	20.00	ng		0.00
86) Perylene-d12	25.09	264	533344	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	474060	124.65	ng		0.00
7) Phenol-d6	7.32	99	586405	109.85	ng		0.00
23) Nitrobenzene-d5	9.33	82	388579	88.83	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	343894	142.25	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1036848	81.21	ng		0.00
78) Terphenyl-d14	20.11	244	1788064	78.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	57807	37.463	ng	#	80
3) Pyridine	4.00	79	142240	31.654	ng		96
4) n-Nitrosodimethylamine	3.90	42	80308	38.233	ng	#	93
6) Aniline	7.49	93	109058	16.498	ng		97
8) 2-Chlorophenol	7.73	128	170125	39.026	ng		92
9) Benzaldehyde	7.29	77	119079	44.349	ng		99
10) Phenol	7.34	94	200085	34.766	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	161712	38.566	ng		91
12) 1,3-Dichlorobenzene	8.06	146	181332	37.051	ng		97
13) 1,4-Dichlorobenzene	8.20	146	180961	36.215	ng		98
14) 1,2-Dichlorobenzene	8.53	146	177229	36.772	ng		96
15) Benzyl Alcohol	8.40	79	159357	42.360	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.68	45	269817	37.891	ng		95
17) 2-Methylphenol	8.60	107	151652	39.667	ng		96
18) Hexachloroethane	9.25	117	63222	37.128	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	135274	37.268	ng	#	94
20) 3+4-Methylphenols	8.93	107	205987	38.239	ng		95
22) Acetophenone	8.98	105	256189	38.243	ng	#	96
24) Nitrobenzene	9.37	77	195028	39.654	ng		96
25) Isophorone	9.89	82	385096	42.172	ng		96
26) 2-Nitrophenol	10.09	139	94951	40.394	ng		92
27) 2,4-Dimethylphenol	10.14	122	173582	40.815	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	233451	41.692	ng		94
29) 2,4-Dichlorophenol	10.63	162	191585	42.244	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	194730	39.744	ng		96
31) Naphthalene	11.03	128	541315	39.074	ng		98
32) Benzoic acid	10.26	122	103834	29.159	ng	#	84
33) 4-Chloroaniline	11.14	127	24333	4.176	ng	#	93
34) Hexachlorobutadiene	11.32	225	121937	40.027	ng		97
35) Caprolactam	11.90	113	57342m	38.044	ng		
36) 4-Chloro-3-methylphenol	12.24	107	203351	40.768	ng		89
37) 2-Methylnaphthalene	12.63	142	416250	41.227	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	230980	33.787	ng		97
40) Hexachlorocyclopentadiene	12.97	237	269495	102.660	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	169495	39.495	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	186663	42.353	ng		96
45) 1,1'-Biphenyl	13.62	154	564893	35.099	ng		98
46) 2-Chloronaphthalene	13.67	162	438818	37.380	ng		97
47) 2-Nitroaniline	13.86	65	138962	43.096	ng	#	86
48) Acenaphthylene	14.51	152	703837	38.309	ng		99
49) Dimethylphthalate	14.23	163	601825	41.194	ng		99
50) 2,6-Dinitrotoluene	14.35	165	133306	43.527	ng	#	82
51) Acenaphthene	14.85	154	444608	37.193	ng		99
52) 3-Nitroaniline	14.68	138	49721	15.045	ng	#	79
53) 2,4-Dinitrophenol	14.89	184	126599	75.476	ng	#	52
54) Dibenzofuran	15.18	168	705119	41.319	ng		99
55) 4-Nitrophenol	14.98	139	208131	76.392	ng	#	85
56) 2,4-Dinitrotoluene	15.14	165	192953	46.541	ng	#	77
57) Fluorene	15.82	166	565464	40.111	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	180049	48.965	ng		95
59) Diethylphthalate	15.58	149	609190	41.841	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	317550	42.248	ng		95
61) 4-Nitroaniline	15.84	138	143934	42.416	ng		88
62) Azobenzene	16.11	77	529244	43.106	ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	98898	38.262	ng		84
65) n-Nitrosodiphenylamine	16.03	169	518303	36.940	ng		98
66) 4-Bromophenyl-phenylether	16.70	248	208172	38.732	ng		98
67) Hexachlorobenzene	16.83	284	225014	36.960	ng		97
68) Atrazine	16.96	200	217256	43.395	ng		97
69) Pentachlorophenol	17.17	266	274549	78.503	ng		98
70) Phenanthrene	17.56	178	966595	39.946	ng		98
71) Anthracene	17.66	178	984853	40.534	ng		99
72) Carbazole	17.92	167	909224	38.955	ng		99
73) Di-n-butylphthalate	18.47	149	1071048	39.899	ng		99
74) Fluoranthene	19.56	202	1204218	42.549	ng		96
76) Benzidine	19.73	184	127964	8.183	ng		99
77) Pyrene	19.92	202	1235832	39.336	ng		96
79) Butylbenzylphthalate	20.79	149	515693	38.527	ng		91
80) Benzo(a)anthracene	21.77	228	1235777	40.640	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	242768	19.343	ng		96
82) Chrysene	21.84	228	1169438	40.158	ng		96
83) Bis(2-ethylhexyl)phthalate	21.66	149	724846	37.733	ng		99
84) Di-n-octyl phthalate	22.90	149	1239219	37.014	ng		97
85) Indeno(1,2,3-cd)pyrene	28.88	276	1474656	41.161	ng		98
87) Benzo(b)fluoranthene	24.05	252	1241175	40.649	ng		99
88) Benzo(k)fluoranthene	24.12	252	1241161	40.801	ng		98
89) Benzo(a)pyrene	24.94	252	1213889	41.353	ng		99
90) Dibenzo(a,h)anthracene	28.94	278	1229760	41.381	ng		97
91) Benzo(g,h,i)perylene	30.08	276	1232393	44.632	ng		99

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

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