Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096771.D
Acq On : 14 Jul 2017 13:09
Operator : SJ/JU
Sample : I4159-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-GAS-SIDEWALLMS

Manual Integrations APPROVED
mohammad
7/17/2017 3:56:15 PM

Quant Time: Jul 14 18:06:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	118034	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	531294	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	212297	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	314971	20.00	ng		0.00
75) Chrysene-d12	13.77	240	198701	20.00	ng		0.00
86) Perylene-d12	15.16	264	221814	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	755632	96.26	ng		0.02
7) Phenol-d6	6.29	99	829882	88.09	ng		0.00
23) Nitrobenzene-d5	7.20	82	539908	62.95	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	134142	74.02	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	891354	66.33	ng		0.00
78) Terphenyl-d14	12.73	244	505467	44.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	105862	26.208	ng	#	77
3) Pyridine	2.96	79	262924	30.972	ng	#	63
4) n-Nitrosodimethylamine	2.90	42	159654	33.630	ng		82
6) Aniline	6.30	93	264010	22.752	ng	#	1
8) 2-Chlorophenol	6.43	128	252587	29.826	ng		98
9) Benzaldehyde	6.18	77	142757	26.218	ng		99
10) Phenol	6.30	94	321280	30.169	ng		76
11) bis(2-Chloroethyl)ether	6.38	93	244128	30.484	ng		91
12) 1,3-Dichlorobenzene	6.58	146	266907	29.649	ng		98
13) 1,4-Dichlorobenzene	6.66	146	275063	30.172	ng		97
14) 1,2-Dichlorobenzene	6.81	146	275970	33.282	ng		97
15) Benzyl Alcohol	6.79	79	217891	35.329	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	571467	34.577	ng		91
17) 2-Methylphenol	6.90	107	218775	33.220	ng		99
18) Hexachloroethane	7.15	117	102838	31.812	ng	#	83
19) n-Nitroso-di-n-propylamine	7.06	70	181093	31.908	ng	#	82
20) 3+4-Methylphenols	7.06	107	264003	33.036	ng	#	82
22) Acetophenone	7.05	105	364186	30.669	ng	#	96
24) Nitrobenzene	7.22	77	277097	31.236	ng		92
25) Isophorone	7.46	82	506352	31.733	ng		98
26) 2-Nitrophenol	7.54	139	140708	28.526	ng	#	89
27) 2,4-Dimethylphenol	7.59	122	246019	30.317	ng		97
28) bis(2-Chloroethoxy)methane	7.68	93	341395	31.663	ng		99
29) 2,4-Dichlorophenol	7.79	162	223886	30.479	ng		99
30) 1,2,4-Trichlorobenzene	7.86	180	208931	29.915	ng		97
31) Naphthalene	7.95	128	771758	30.664	ng		100
33) 4-Chloroaniline	7.99	127	225546	22.618	ng		96
34) Hexachlorobutadiene	8.07	225	110401	29.611	ng		98
35) Caprolactam	8.35	113	60238m	25.594	ng		
36) 4-Chloro-3-methylphenol	8.48	107	228305	28.906	ng		87
37) 2-Methylnaphthalene	8.63	142	490079	30.543	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	178990	31.189	ng		99
40) Hexachlorocyclopentadiene	8.79	237	99520	48.219	ng		99
42) 2,4,6-Trichlorophenol	8.92	196	122801	29.009	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	126151	29.548	ng		95
45) 1,1'-Biphenyl	9.10	154	565602	31.064	ng		98
46) 2-Chloronaphthalene	9.12	162	439035	32.746	ng		95
47) 2-Nitroaniline	9.22	65	161019	34.939	ng		93
48) Acenaphthylene	9.53	152	680183	31.841	ng		99
49) Dimethylphthalate	9.40	163	614073	38.415	ng		99
50) 2,6-Dinitrotoluene	9.46	165	112647	32.534	ng	#	90
51) Acenaphthene	9.70	154	365226	28.942	ng		98
52) 3-Nitroaniline	9.62	138	118094	28.791	ng		91
53) 2,4-Dinitrophenol	9.75	184	142	6.817	ng	#	23
54) Dibenzofuran	9.87	168	592072	33.481	ng		99
55) 4-Nitrophenol	9.80	139	134251	44.801	ng	#	72
56) 2,4-Dinitrotoluene	9.86	165	134687	30.272	ng	#	77
57) Fluorene	10.22	166	420388	32.170	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	73326	24.765	ng		97
59) Diethylphthalate	10.10	149	480460	30.875	ng		100
60) 4-Chlorophenyl-phenylether	10.21	204	179373	30.374	ng		97
61) 4-Nitroaniline	10.23	138	112564	29.224	ng		90
62) Azobenzene	10.37	77	464716	33.851	ng		93
64) 4,6-Dinitro-2-methylphenol	10.27	198	4700	2.377	ng	#	79
65) n-Nitrosodiphenylamine	10.33	169	393563	34.955	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	109089	33.923	ng		97
67) Hexachlorobenzene	10.77	284	110910	30.967	ng	#	92
68) Atrazine	10.86	200	111426	34.737	ng		93
69) Pentachlorophenol	10.96	266	46389	26.811	ng		98
70) Phenanthrene	11.17	178	551382	32.196	ng		99
71) Anthracene	11.22	178	557180	32.178	ng		98
72) Carbazole	11.38	167	501192	29.889	ng		98
73) Di-n-butylphthalate	11.72	149	670036	32.085	ng		99
74) Fluoranthene	12.35	202	462227	28.197	ng		96
76) Benzidine	12.47	184	226228	34.753	ng	#	93
77) Pyrene	12.58	202	457338	25.361	ng		98
79) Butylbenzylphthalate	13.21	149	223391	52.144	ng	#	87
80) Benzo(a)anthracene	13.76	228	367726	29.702	ng		100
81) 3,3'-Dichlorobenzidine	13.73	252	114859	25.799	ng		97
82) Chrysene	13.80	228	367347	30.140	ng		98
83) Bis(2-ethylhexyl)phthalate	13.77	149	287685	27.571	ng		100
84) Di-n-octyl phthalate	14.38	149	526136	30.504	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.47	276	420780	37.424	ng		98
87) Benzo(b)fluoranthene	14.77	252	380528	28.445	ng		97
88) Benzo(k)fluoranthene	14.80	252	382089m	30.161	ng		
89) Benzo(a)pyrene	15.10	252	375249	30.583	ng		98
90) Dibenzo(a,h)anthracene	16.49	278	344847	30.544	ng		96
91) Benzo(g,h,i)perylene	16.87	276	367975	30.436	ng		99

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

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