Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096772.D
Acq On : 14 Jul 2017 13:36
Operator : SJ/JU
Sample : I4159-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-GAS-SIDEWALLMSD

Manual Integrations APPROVED
mohammad
7/17/2017 3:56:19 PM

Quant Time: Jul 14 18:14:09 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	116941	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	478443	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	211384	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	310737	20.00	ng		0.00
75) Chrysene-d12	13.78	240	199752	20.00	ng		0.00
86) Perylene-d12	15.16	264	222853	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	754303	96.99	ng		0.02
7) Phenol-d6	6.29	99	975190	104.49	ng		0.00
23) Nitrobenzene-d5	7.20	82	564944	73.14	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	169580	93.98	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	980891	73.31	ng		0.00
78) Terphenyl-d14	12.73	244	639750	55.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	114360	28.576	ng	#	75
3) Pyridine	2.97	79	291864	34.702	ng	#	59
4) n-Nitrosodimethylamine	2.91	42	171105	36.379	ng		80
6) Aniline	6.30	93	290715	25.287	ng	#	1
8) 2-Chlorophenol	6.43	128	297093	35.409	ng		99
9) Benzaldehyde	6.18	77	157908	29.272	ng		98
10) Phenol	6.30	94	378328	35.858	ng		79
11) bis(2-Chloroethyl)ether	6.38	93	288683	36.385	ng		93
12) 1,3-Dichlorobenzene	6.58	146	312459	35.034	ng		99
13) 1,4-Dichlorobenzene	6.66	146	312494	34.598	ng		96
14) 1,2-Dichlorobenzene	6.81	146	274928	33.466	ng		97
15) Benzyl Alcohol	6.79	79	236732	38.742	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	576776	35.225	ng		92
17) 2-Methylphenol	6.90	107	225298	34.531	ng		97
18) Hexachloroethane	7.15	117	114112	35.630	ng	#	85
19) n-Nitroso-di-n-propylamine	7.06	70	196010	34.859	ng	#	83
20) 3+4-Methylphenols	7.06	107	288385	36.424	ng	#	83
22) Acetophenone	7.05	105	387060	36.196	ng	#	95
24) Nitrobenzene	7.22	77	270111	33.812	ng		91
25) Isophorone	7.46	82	539370	37.537	ng		95
26) 2-Nitrophenol	7.54	139	157686	35.499	ng	#	88
27) 2,4-Dimethylphenol	7.59	122	270402	37.003	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	370500	38.158	ng		99
29) 2,4-Dichlorophenol	7.79	162	228931	34.609	ng		99
30) 1,2,4-Trichlorobenzene	7.86	180	232513	36.969	ng		97
31) Naphthalene	7.94	128	854322	37.694	ng		99
33) 4-Chloroaniline	7.99	127	208749	23.246	ng		96
34) Hexachlorobutadiene	8.07	225	114095	33.982	ng		98
35) Caprolactam	8.35	113	75118m	35.441	ng		
36) 4-Chloro-3-methylphenol	8.49	107	243074	34.175	ng		90
37) 2-Methylnaphthalene	8.63	142	565925	39.165	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	190909	33.410	ng		99
40) Hexachlorocyclopentadiene	8.79	237	116282	55.719	ng		100
42) 2,4,6-Trichlorophenol	8.92	196	144616	34.310	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	149924	35.268	ng		96
45) 1,1'-Biphenyl	9.10	154	590244	32.558	ng		98
46) 2-Chloronaphthalene	9.12	162	458891	34.375	ng		94
47) 2-Nitroaniline	9.22	65	175106	38.160	ng		91
48) Acenaphthylene	9.53	152	766862	36.053	ng		99
49) Dimethylphthalate	9.40	163	685614	43.076	ng		100
50) 2,6-Dinitrotoluene	9.46	165	127045	36.851	ng		93
51) Acenaphthene	9.70	154	437940	34.854	ng		99
52) 3-Nitroaniline	9.62	138	124413	30.463	ng		97
53) 2,4-Dinitrophenol	9.74	184	1255	7.414	ng	#	88
54) Dibenzofuran	9.87	168	659543	37.457	ng		99
55) 4-Nitrophenol	9.80	139	177797	59.589	ng	#	66
56) 2,4-Dinitrotoluene	9.86	165	156706	35.373	ng	#	77
57) Fluorene	10.22	166	482134	37.054	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	94507	32.056	ng	#	97
59) Diethylphthalate	10.10	149	547148	35.312	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	206770	36.464	ng		98
61) 4-Nitroaniline	10.23	138	137600	35.878	ng		90
62) Azobenzene	10.37	77	536167	39.224	ng		93
64) 4,6-Dinitro-2-methylphenol	10.27	198	10245	5.251	ng		80
65) n-Nitrosodiphenylamine	10.33	169	458765	41.302	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	128494	40.502	ng		93
67) Hexachlorobenzene	10.77	284	132895	37.611	ng	#	92
68) Atrazine	10.86	200	136944	43.274	ng		97
69) Pentachlorophenol	10.96	266	62972	36.891	ng		96
70) Phenanthrene	11.17	178	656809	38.874	ng		98
71) Anthracene	11.23	178	680307	39.824	ng		98
72) Carbazole	11.38	167	619399	37.442	ng		98
73) Di-n-butylphthalate	11.72	149	782160	37.964	ng		98
74) Fluoranthene	12.36	202	581889	35.981	ng		98
76) Benzidine	12.47	184	285890	43.688	ng	#	92
77) Pyrene	12.58	202	585921	32.320	ng		99
79) Butylbenzylphthalate	13.21	149	290433	67.437	ng	#	83
80) Benzo(a)anthracene	13.77	228	455662	36.611	ng		98
81) 3,3'-Dichlorobenzidine	13.73	252	125887	28.127	ng	#	95
82) Chrysene	13.80	228	423279	34.546	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	365969	34.889	ng		99
84) Di-n-octyl phthalate	14.38	149	627227	36.174	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.48	276	457196	40.032	ng		99
87) Benzo(b)fluoranthene	14.77	252	496290	36.925	ng		97
88) Benzo(k)fluoranthene	14.80	252	405769m	31.881	ng		
89) Benzo(a)pyrene	15.10	252	445548	36.143	ng	#	97
90) Dibenzo(a,h)anthracene	16.49	278	367954	32.439	ng		98
91) Benzo(g,h,i)perylene	16.87	276	402987	33.177	ng		99

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

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