Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096131.D
Acq On : 22 Jun 2017 20:05
Operator : SJ/MA
Sample : I3844-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-008MS

Manual Integrations APPROVED
mohammad
6/26/2017 8:28:03 AM

Quant Time: Jun 23 01:46:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	79193	20.00	ng		-0.02
21) Naphthalene-d8	9.31	136	315449	20.00	ng		-0.02
38) Acenaphthene-d10	12.13	164	130704	20.00	ng		-0.02
63) Phenanthrene-d10	14.53	188	199730	20.00	ng		-0.01
75) Chrysene-d12	18.27	240	150351	20.00	ng		0.00
86) Perylene-d12	19.94	264	141213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	741174	149.13	ng		-0.01
7) Phenol-d6	6.86	99	712298	119.72	ng		-0.01
23) Nitrobenzene-d5	8.20	82	426085	83.89	ng		-0.02
41) 2,4,6-Tribromophenol	13.44	330	121162	104.77	ng		-0.01
44) 2-Fluorobiphenyl	11.09	172	751018	79.96	ng		-0.02
78) Terphenyl-d14	16.92	244	462667	76.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.63	88	88840	37.58	ng		97
3) Pyridine	2.17	79	190306	34.25	ng		96
4) n-Nitrosodimethylamine	2.14	42	94650	44.80	ng		81
6) Aniline	6.78	93	219564	28.21	ng		96
8) 2-Chlorophenol	6.97	128	226174	42.80	ng		93
9) Benzaldehyde	6.59	77	119295	29.72	ng		97
10) Phenol	6.88	94	274951	44.55	ng		89
11) bis(2-Chloroethyl)ether	6.92	93	202060	41.33	ng		96
12) 1,3-Dichlorobenzene	7.17	146	228737	38.24	ng		97
13) 1,4-Dichlorobenzene	7.30	146	237786	39.20	ng		97
14) 1,2-Dichlorobenzene	7.53	146	223783	40.02	ng		96
15) Benzyl Alcohol	7.59	79	175285	42.92	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.77	45	287971	41.92	ng		98
17) 2-Methylphenol	7.83	107	184725	41.65	ng		96
18) Hexachloroethane	8.05	117	72874	36.38	ng	#	87
19) n-Nitroso-di-n-propylamine	8.02	70	156410	41.48	ng		93
20) 3+4-Methylphenols	8.10	107	244669	43.46	ng	#	58
22) Acetophenone	7.97	105	311491	42.19	ng	#	84
24) Nitrobenzene	8.23	77	218263	40.23	ng		94
25) Isophorone	8.63	82	388271	40.94	ng		97
26) 2-Nitrophenol	8.75	139	107552	37.85	ng		97
27) 2,4-Dimethylphenol	8.90	122	191494	43.43	ng		99
28) bis(2-Chloroethoxy)methane	9.02	93	258354	41.33	ng		100
29) 2,4-Dichlorophenol	9.19	162	171369	40.36	ng		98
30) 1,2,4-Trichlorobenzene	9.25	180	175584	39.74	ng		100
31) Naphthalene	9.35	128	615800	38.90	ng		99
32) Benzoic acid	9.26	122	43947	19.36	ng		94
33) 4-Chloroaniline	9.52	127	119521m	19.32	ng		
34) Hexachlorobutadiene	9.56	225	87422	38.29	ng		98
35) Caprolactam	10.14	113	52219	41.33	ng		98
36) 4-Chloro-3-methylphenol	10.40	107	183689	41.32	ng		87
37) 2-Methylnaphthalene	10.47	142	429702	40.17	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	160557	41.04	ng		99
40) Hexachlorocyclopentadiene	10.72	237	7717	16.65	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.00	196	108202	43.02	ng		97
43) 2,4,5-Trichlorophenol	11.10	196	109770	41.03	ng		95
45) 1,1'-Biphenyl	11.24	154	455285	42.26	ng		97
46) 2-Chloronaphthalene	11.26	162	342447	40.69	ng		95
47) 2-Nitroaniline	11.49	65	105721	42.92	ng	#	84
48) Acenaphthylene	11.90	152	517418	35.95	ng		98
49) Dimethylphthalate	11.81	163	581159	58.56	ng		98
50) 2,6-Dinitrotoluene	11.90	165	81404	37.61	ng	#	62
51) Acenaphthene	12.19	154	311244	37.44	ng		98
52) 3-Nitroaniline	12.17	138	78684	31.20	ng		93
53) 2,4-Dinitrophenol	12.45	184	8511m	12.86	ng		
54) Dibenzofuran	12.47	168	478175	40.87	ng		99
55) 4-Nitrophenol	12.62	139	61317	43.86	ng	#	67
56) 2,4-Dinitrotoluene	12.58	165	113803	38.92	ng	#	90
57) Fluorene	13.03	166	369581	36.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.74	232	70022	38.25	ng	#	94
59) Diethylphthalate	12.94	149	401415	42.03	ng		99
60) 4-Chlorophenyl-phenylether	13.06	204	168725	38.11	ng		90
61) 4-Nitroaniline	13.17	138	79305	33.68	ng		97
62) Azobenzene	13.31	77	352908	40.77	ng		96
64) 4,6-Dinitro-2-methylphenol	13.29	198	8873	6.76	ng	#	78
65) n-Nitrosodiphenylamine	13.27	169	320183	44.61	ng		99
66) 4-Bromophenyl-phenylether	13.84	248	90668	43.68	ng		96
67) Hexachlorobenzene	13.93	284	85659	41.88	ng	#	92
68) Atrazine	14.20	200	89228	44.67	ng		96
69) Pentachlorophenol	14.30	266	42434	56.80	ng		97
70) Phenanthrene	14.57	178	456278	39.59	ng		98
71) Anthracene	14.65	178	473525	39.36	ng		98
72) Carbazole	14.96	167	428468	36.54	ng		98
73) Di-n-butylphthalate	15.55	149	576876	46.25	ng		98
74) Fluoranthene	16.36	202	415543	36.43	ng		98
76) Benzidine	16.60	184	253613	43.92	ng	#	92
77) Pyrene	16.66	202	422612	37.67	ng		99
79) Butylbenzylphthalate	17.59	149	200519	40.93	ng	#	86
80) Benzo(a)anthracene	18.26	228	345914	39.57	ng		97
81) 3,3'-Dichlorobenzidine	18.24	252	123572	39.76	ng	#	97
82) Chrysene	18.30	228	343506	39.32	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	292018	42.25	ng	#	99
84) Di-n-octyl phthalate	19.11	149	503354	44.20	ng		97
85) Indeno(1,2,3-cd)pyrene	21.10	276	303252	40.57	ng		98
87) Benzo(b)fluoranthene	19.53	252	338940	38.33	ng		99
88) Benzo(k)fluoranthene	19.56	252	302704	35.82	ng		94
89) Benzo(a)pyrene	19.89	252	307971	37.89	ng		98
90) Dibenzo(a,h)anthracene	21.10	278	255993	37.13	ng		97
91) Benzo(g,h,i)perylene	21.43	276	245114	34.88	ng		95

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

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