Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095004.D
Acq On : 9 May 2017 4:06
Operator : SJ/MA
Sample : I2976-07MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:58 PM

Quant Time: May 09 07:37:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	94370	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	388547	20.00	ng		-0.02
38) Acenaphthene-d10	12.57	164	166613	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	272237	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	194852	20.00	ng		-0.02
86) Perylene-d12	20.30	264	146245	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	834913	147.50	ng		0.00
7) Phenol-d6	7.27	99	1023890	150.76	ng		0.00
23) Nitrobenzene-d5	8.62	82	602843	97.84	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	200061	146.62	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1130492	97.66	ng		-0.02
78) Terphenyl-d14	17.29	244	801011	90.54	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	100986	36.38	ng		95
3) Pyridine	2.80	79	220657	34.30	ng		98
4) n-Nitrosodimethylamine	2.72	42	111886	41.72	ng		84
6) Aniline	7.23	93	119718	13.96	ng		93
8) 2-Chlorophenol	7.41	128	314997	48.89	ng		94
9) Benzaldehyde	7.04	77	47892	11.55	ng		99
10) Phenol	7.29	94	338991	47.37	ng		91
11) bis(2-Chloroethyl)ether	7.35	93	272101	46.05	ng		96
12) 1,3-Dichlorobenzene	7.62	146	329676	45.11	ng		98
13) 1,4-Dichlorobenzene	7.74	146	334600	45.15	ng		96
14) 1,2-Dichlorobenzene	7.98	146	301159	43.53	ng		96
15) Benzyl Alcohol	8.00	79	234258	53.63	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	379223	45.35	ng		96
17) 2-Methylphenol	8.23	107	248707	47.17	ng		94
18) Hexachloroethane	8.50	117	101066	40.25	ng	#	86
19) n-Nitroso-di-n-propylamine	8.43	70	217933	47.45	ng		93
20) 3+4-Methylphenols	8.50	107	318131m	44.40	ng		
22) Acetophenone	8.39	105	438204	47.01	ng	#	84
24) Nitrobenzene	8.65	77	296986	45.98	ng		93
25) Isophorone	9.05	82	522258	47.47	ng		95
26) 2-Nitrophenol	9.15	139	155858	44.72	ng		96
27) 2,4-Dimethylphenol	9.30	122	253184	44.93	ng		97
28) bis(2-Chloroethoxy)methane	9.41	93	350838	46.09	ng		98
29) 2,4-Dichlorophenol	9.58	162	262892	49.41	ng		98
30) 1,2,4-Trichlorobenzene	9.66	180	252524	44.30	ng		99
31) Naphthalene	9.77	128	855274	43.80	ng		99
32) Benzoic acid	9.60	122	135611	37.86	ng		95
33) 4-Chloroaniline	9.95	127	96982	13.33	ng	#	92
34) Hexachlorobutadiene	9.99	225	118011	39.24	ng		98
35) Caprolactam	10.54	113	71163m	44.55	ng		
36) 4-Chloro-3-methylphenol	10.77	107	243934	42.88	ng		89
37) 2-Methylnaphthalene	10.90	142	550568	42.96	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	224878	43.89	ng		99
40) Hexachlorocyclopentadiene	11.15	237	79295	40.08	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095004.D
Acq On : 9 May 2017 4:06
Operator : SJ/MA
Sample : I2976-07MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-TANK001-01MSD

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:58 PM

Quant Time: May 09 07:37:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	161168	47.11	ng		98
43) 2,4,5-Trichlorophenol	11.49	196	155927	42.41	ng		94
45) 1,1'-Biphenyl	11.67	154	651282	46.43	ng		98
46) 2-Chloronaphthalene	11.68	162	507411	44.80	ng		94
47) 2-Nitroaniline	11.89	65	147700	47.64	ng	#	85
48) Acenaphthylene	12.34	152	829374	46.75	ng		99
49) Dimethylphthalate	12.21	163	759633	55.54	ng		99
50) 2,6-Dinitrotoluene	12.30	165	131131	46.99	ng		96
51) Acenaphthene	12.62	154	486673	45.93	ng		98
52) 3-Nitroaniline	12.57	138	75035	25.05	ng		91
53) 2,4-Dinitrophenol	12.78	184	46748	34.29	ng	#	66
54) Dibenzofuran	12.91	168	724129	49.38	ng		98
55) 4-Nitrophenol	12.95	139	176535	98.14	ng	#	72
56) 2,4-Dinitrotoluene	12.97	165	172093	47.99	ng	#	90
57) Fluorene	13.46	166	556163	43.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	121599	52.55	ng	#	94
59) Diethylphthalate	13.36	149	556709	42.46	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	248781	44.39	ng		88
61) 4-Nitroaniline	13.57	138	111252	40.46	ng		95
62) Azobenzene	13.74	77	522617	49.61	ng		94
64) 4,6-Dinitro-2-methylphenol	13.63	198	37724	20.67	ng	#	69
65) n-Nitrosodiphenylamine	13.69	169	467515	47.32	ng		98
66) 4-Bromophenyl-phenylether	14.27	248	132498	46.07	ng		98
67) Hexachlorobenzene	14.35	284	132435	44.93	ng	#	85
68) Atrazine	14.61	200	134332	48.15	ng		94
69) Pentachlorophenol	14.71	266	113846	85.02	ng		98
70) Phenanthrene	15.01	178	736702	47.10	ng		99
71) Anthracene	15.09	178	755521	47.29	ng		98
72) Carbazole	15.37	167	609730	41.94	ng		97
73) Di-n-butylphthalate	15.94	149	821621	45.32	ng		99
74) Fluoranthene	16.75	202	683839	42.62	ng		98
76) Benzidine	16.99	184	8373	7.96	ng	#	88
77) Pyrene	17.05	202	689320	47.30	ng		99
79) Butylbenzylphthalate	17.95	149	313531	46.26	ng	#	86
80) Benzo(a)anthracene	18.62	228	535310	47.20	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	117927	30.11	ng	#	96
82) Chrysene	18.67	228	504798	46.04	ng		99
83) Bis(2-ethylhexyl)phthalate	18.69	149	469372	48.60	ng	#	100
84) Di-n-octyl phthalate	19.47	149	667910	42.18	ng		95
85) Indeno(1,2,3-cd)pyrene	21.59	276	373506	41.94	ng		99
87) Benzo(b)fluoranthene	19.89	252	418851	46.35	ng		98
88) Benzo(k)fluoranthene	19.92	252	433097m	49.69	ng		
89) Benzo(a)pyrene	20.25	252	385673	46.25	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	318642	46.27	ng		97
91) Benzo(g,h,i)perylene	21.96	276	322827	47.77	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095004.D
Acq On : 9 May 2017 4:06
Operator : SJ/MA
Sample : I2976-07MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 09 07:37:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
P001-TANK001-01MSD

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:58 PM