Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098171.D
Acq On : 30 Aug 2017 22:26
Operator : SJ/JU
Sample : I4980-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H26-WC1MSD

Manual Integrations APPROVED
Sohil
8/31/2017 7:12:25 PM

Quant Time: Aug 31 07:46:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123236	20.00	ng		-0.03
21) Naphthalene-d8	8.01	136	477948	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	194395	20.00	ng		-0.02
63) Phenanthrene-d10	11.25	188	304870	20.00	ng		-0.02
75) Chrysene-d12	13.89	240	206014	20.00	ng		-0.01
86) Perylene-d12	15.32	264	189382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	997824	123.16	ng		-0.01
7) Phenol-d6	6.37	99	1357271	123.30	ng		-0.01
23) Nitrobenzene-d5	7.30	82	834298	94.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	203813	120.84	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	1157639	87.49	ng		-0.02
78) Terphenyl-d14	12.83	244	720502	72.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	150586	33.327	ng	#	87
3) Pyridine	3.14	79	456893	36.578	ng	#	84
4) n-Nitrosodimethylamine	3.09	42	170352	35.444	ng	#	66
6) Aniline	6.39	93	481406	31.130	ng	#	1
8) 2-Chlorophenol	6.52	128	364422	42.651	ng		99
9) Benzaldehyde	6.27	77	181979	26.099	ng		92
10) Phenol	6.39	94	560677	43.549	ng		99
11) bis(2-Chloroethyl)ether	6.47	93	410918	42.287	ng		95
12) 1,3-Dichlorobenzene	6.67	146	364316	39.640	ng		97
13) 1,4-Dichlorobenzene	6.75	146	368237	39.395	ng		94
14) 1,2-Dichlorobenzene	6.90	146	342333	39.719	ng		99
15) Benzyl Alcohol	6.87	79	336399	40.817	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	515068	39.396	ng		85
17) 2-Methylphenol	6.99	107	326109	43.310	ng		95
18) Hexachloroethane	7.23	117	140163	38.246	ng	#	79
19) n-Nitroso-di-n-propylamine	7.15	70	286356	38.000	ng	#	88
20) 3+4-Methylphenols	7.15	107	389867	42.392	ng		93
22) Acetophenone	7.14	105	523390	41.453	ng	#	89
24) Nitrobenzene	7.32	77	451506	46.091	ng		97
25) Isophorone	7.55	82	803204	43.905	ng		96
26) 2-Nitrophenol	7.63	139	170407	48.013	ng	#	85
27) 2,4-Dimethylphenol	7.67	122	326922	42.849	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	521395	43.351	ng		98
29) 2,4-Dichlorophenol	7.87	162	281191	44.398	ng		95
30) 1,2,4-Trichlorobenzene	7.95	180	291021	41.450	ng		98
31) Naphthalene	8.03	128	1015668	40.933	ng		100
32) Benzoic acid	7.75	122	16565	8.987	ng		92
33) 4-Chloroaniline	8.09	127	312610	29.873	ng		98
34) Hexachlorobutadiene	8.15	225	163508	39.887	ng		96
35) Caprolactam	8.46	113	90245m	41.914	ng		
36) 4-Chloro-3-methylphenol	8.57	107	326436	40.116	ng	#	81
37) 2-Methylnaphthalene	8.72	142	647809	42.584	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	260284	43.628	ng		99
40) Hexachlorocyclopentadiene	8.87	237	111404	38.870	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098171.D
Acq On : 30 Aug 2017 22:26
Operator : SJ/JU
Sample : I4980-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H26-WC1MSD

Manual Integrations APPROVED
Sohil
8/31/2017 7:12:25 PM

Quant Time: Aug 31 07:46:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	175657	43.855	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	174685	43.961	ng		96
45) 1,1'-Biphenyl	9.19	154	750149	42.317	ng		96
46) 2-Chloronaphthalene	9.21	162	546416	41.717	ng	#	92
47) 2-Nitroaniline	9.31	65	219284	49.939	ng		97
48) Acenaphthylene	9.62	152	854793	41.558	ng		100
49) Dimethylphthalate	9.49	163	848687	59.726	ng		100
50) 2,6-Dinitrotoluene	9.55	165	140730	49.616	ng	#	57
51) Acenaphthene	9.80	154	500289	38.566	ng		99
52) 3-Nitroaniline	9.72	138	135166	36.936	ng		93
53) 2,4-Dinitrophenol	9.83	184	7386	14.922	ng	#	78
54) Dibenzofuran	9.97	168	749796	43.127	ng		98
55) 4-Nitrophenol	9.89	139	194620	66.668	ng	#	52
56) 2,4-Dinitrotoluene	9.96	165	159211	44.728	ng	#	69
57) Fluorene	10.31	166	533009	39.653	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.09	232	127872	41.564	ng		92
59) Diethylphthalate	10.19	149	628985	42.328	ng		100
60) 4-Chlorophenyl-phenylether	10.30	204	255726	40.951	ng	#	84
61) 4-Nitroaniline	10.33	138	141451	40.669	ng		81
62) Azobenzene	10.46	77	699163	39.610	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	8768	13.366	ng	#	77
65) n-Nitrosodiphenylamine	10.42	169	491435	47.337	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	149652	47.270	ng		92
67) Hexachlorobenzene	10.86	284	139765	43.313	ng	#	89
68) Atrazine	10.96	200	133514	48.494	ng		96
69) Pentachlorophenol	11.05	266	131851	70.080	ng		98
70) Phenanthrene	11.27	178	703904	43.329	ng		99
71) Anthracene	11.32	178	702009	42.604	ng		99
72) Carbazole	11.47	167	655076	41.883	ng		98
73) Di-n-butylphthalate	11.81	149	794371	44.093	ng		100
74) Fluoranthene	12.46	202	673258	39.705	ng		100
77) Pyrene	12.69	202	677652	40.218	ng		98
79) Butylbenzylphthalate	13.31	149	281204	43.529	ng	#	78
80) Benzo(a)anthracene	13.87	228	506554	41.026	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	52086	12.501	ng		99
82) Chrysene	13.91	228	498352	40.574	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	340805	47.608	ng	#	99
84) Di-n-octyl phthalate	14.49	149	578535	46.448	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	508310	56.256	ng		96
87) Benzo(b)fluoranthene	14.91	252	516922	43.303	ng	#	93
88) Benzo(k)fluoranthene	14.94	252	395150	35.234	ng		98
89) Benzo(a)pyrene	15.26	252	458270	43.365	ng	#	94
90) Dibenzo(a,h)anthracene	16.72	278	424251	49.312	ng		99
91) Benzo(g,h,i)perylene	17.12	276	422761	47.094	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098171.D
Acq On : 30 Aug 2017 22:26
Operator : SJ/JU
Sample : I4980-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 31 07:46:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
H26-WC1MSD

Manual Integrations APPROVED
Sohil
8/31/2017 7:12:25 PM