Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097208.D
Acq On : 31 Jul 2017 15:24
Operator : SJ/JU
Sample : I4421-11MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HS5-BASEMS

Manual Integrations APPROVED
Sohil
8/1/2017 5:44:33 PM

Quant Time: Jul 31 19:22:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 15:18:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	116242	20.00	ng		0.00
21) Naphthalene-d8	7.76	136	510252	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	199231	20.00	ng		0.00
63) Phenanthrene-d10	10.99	188	297605	20.00	ng		0.00
75) Chrysene-d12	13.62	240	172940	20.00	ng		0.00
86) Perylene-d12	14.96	264	191509	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	836168	108.44	ng		0.01
7) Phenol-d6	6.15	99	891957	101.32	ng		0.00
23) Nitrobenzene-d5	7.05	82	577369	66.38	ng		0.00
41) 2,4,6-Tribromophenol	10.30	330	156551	99.45	ng		0.00
44) 2-Fluorobiphenyl	8.85	172	814732	69.40	ng		0.00
78) Terphenyl-d14	12.57	244	475211	56.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	112494	34.959	ng	#	67
3) Pyridine	2.66	79	319041	32.379	ng	#	62
4) n-Nitrosodimethylamine	2.62	42	192682	35.298	ng	#	78
6) Aniline	6.15	93	237763	21.463	ng	#	68
8) 2-Chlorophenol	6.27	128	294698	35.742	ng		93
9) Benzaldehyde	6.02	77	92391	17.732	ng		94
10) Phenol	6.16	94	379595	36.354	ng		96
11) bis(2-Chloroethyl)ether	6.23	93	290473	35.173	ng		93
12) 1,3-Dichlorobenzene	6.42	146	320969	36.122	ng		99
13) 1,4-Dichlorobenzene	6.50	146	321167	36.472	ng		97
14) 1,2-Dichlorobenzene	6.65	146	289401	37.640	ng		97
15) Benzyl Alcohol	6.64	79	229172	41.119	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.77	45	620904	37.485	ng		60
17) 2-Methylphenol	6.77	107	238272	37.443	ng	#	89
18) Hexachloroethane	6.99	117	113550	35.247	ng	#	81
19) n-Nitroso-di-n-propylamine	6.91	70	227311	39.229	ng	#	81
20) 3+4-Methylphenols	6.92	107	339420	40.839	ng	#	62
22) Acetophenone	6.90	105	431585	35.221	ng		98
24) Nitrobenzene	7.07	77	318039	35.109	ng		95
25) Isophorone	7.31	82	541613	31.797	ng		97
26) 2-Nitrophenol	7.39	139	164464	33.558	ng	#	85
27) 2,4-Dimethylphenol	7.45	122	278240	34.417	ng		97
28) bis(2-Chloroethoxy)methane	7.53	93	445467	40.075	ng		98
29) 2,4-Dichlorophenol	7.64	162	260905	37.462	ng		97
30) 1,2,4-Trichlorobenzene	7.71	180	237241	35.737	ng		98
31) Naphthalene	7.79	128	862464	35.857	ng		99
32) Benzoic acid	7.56	122	33917	5.618	ng		92
33) 4-Chloroaniline	7.85	127	158180	16.162	ng		97
34) Hexachlorobutadiene	7.91	225	115872	32.924	ng		98
35) Caprolactam	8.22	113	80714m	36.142	ng		
36) 4-Chloro-3-methylphenol	8.35	107	274691	36.152	ng		88
37) 2-Methylnaphthalene	8.47	142	602468	39.561	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	208767	39.271	ng		99
40) Hexachlorocyclopentadiene	8.63	237	35135	23.935	ng		98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097208.D
Acq On : 31 Jul 2017 15:24
Operator : SJ/JU
Sample : I4421-11MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Manual Integrations APPROVED
Sohil
8/1/2017 5:44:33 PM

Quant Time: Jul 31 19:22:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 15:18:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	153359	39.809	ng		99
43) 2,4,5-Trichlorophenol	8.82	196	156872	40.684	ng		95
45) 1,1'-Biphenyl	8.94	154	620580	36.468	ng		97
46) 2-Chloronaphthalene	8.96	162	475961	38.008	ng		94
47) 2-Nitroaniline	9.07	65	187557	41.270	ng		95
48) Acenaphthylene	9.37	152	670027	34.859	ng		99
49) Dimethylphthalate	9.25	163	729093	48.191	ng		99
50) 2,6-Dinitrotoluene	9.32	165	125874	39.228	ng	#	89
51) Acenaphthene	9.55	154	409061	36.130	ng		99
52) 3-Nitroaniline	9.48	138	96023	24.109	ng		90
53) 2,4-Dinitrophenol	9.60	184	22859	15.668	ng	#	77
54) Dibenzofuran	9.72	168	601928	39.914	ng		96
55) 4-Nitrophenol	9.67	139	140176	59.181	ng	#	49
56) 2,4-Dinitrotoluene	9.72	165	143356	38.862	ng	#	72
57) Fluorene	10.06	166	457632	40.375	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	106030	39.826	ng		98
59) Diethylphthalate	9.95	149	522847	37.669	ng		99
60) 4-Chlorophenyl-phenylether	10.05	204	183972	39.306	ng		99
61) 4-Nitroaniline	10.09	138	123933	32.747	ng		94
62) Azobenzene	10.22	77	531302	41.262	ng		91
64) 4,6-Dinitro-2-methylphenol	10.13	198	43610	23.582	ng		87
65) n-Nitrosodiphenylamine	10.17	169	434763	41.986	ng		97
66) 4-Bromophenyl-phenylether	10.54	248	118302	39.832	ng		98
67) Hexachlorobenzene	10.61	284	118915	35.704	ng		94
68) Atrazine	10.71	200	118153	39.792	ng		94
69) Pentachlorophenol	10.81	266	96673	70.153	ng		97
70) Phenanthrene	11.01	178	718061	45.031	ng		99
71) Anthracene	11.06	178	632759	38.744	ng		98
72) Carbazole	11.22	167	570983	35.548	ng		98
73) Di-n-butylphthalate	11.57	149	723042	36.417	ng		98
74) Fluoranthene	12.19	202	662974	42.440	ng		97
76) Benzidine	12.32	184	157698	24.575	ng	#	92
77) Pyrene	12.42	202	674507	47.641	ng		100
79) Butylbenzylphthalate	13.05	149	255386	35.461	ng	#	83
80) Benzo(a)anthracene	13.60	228	472619	42.236	ng		100
81) 3,3'-Dichlorobenzidine	13.57	252	111572	26.440	ng	#	95
82) Chrysene	13.64	228	446107	40.828	ng		99
83) Bis(2-ethylhexyl)phthalate	13.62	149	321124	34.151	ng		99
84) Di-n-octyl phthalate	14.23	149	596655	34.577	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.20	276	472158	50.394	ng		96
87) Benzo(b)fluoranthene	14.61	252	516347	44.853	ng		98
88) Benzo(k)fluoranthene	14.63	252	359343	32.757	ng		96
89) Benzo(a)pyrene	14.92	252	458767	43.543	ng		99
90) Dibenzo(a,h)anthracene	16.21	278	373791	43.262	ng	#	94
91) Benzo(g,h,i)perylene	16.57	276	389140	42.948	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097208.D
Acq On : 31 Jul 2017 15:24
Operator : SJ/JU
Sample : I4421-11MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 31 19:22:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 15:18:22 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMS

Manual Integrations APPROVED
Sohil
8/1/2017 5:44:33 PM