Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097192.D
Acq On : 29 Jul 2017 9:33
Operator : SJ/JU
Sample : I4421-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Manual Integrations APPROVED

Quant Time: Jul 31 02:23:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Sohil

7/31/2017 6:53:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	106699	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	384344	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	152858	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	227905	20.00	ng		-0.01
75) Chrysene-d12	13.62	240	164186	20.00	ng		-0.01
86) Perylene-d12	14.96	264	130861	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	744557	105.19	ng		0.00
7) Phenol-d6	6.16	99	854249	105.72	ng		-0.01
23) Nitrobenzene-d5	7.06	82	461751	70.48	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	111371	92.22	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	627611	69.68	ng		-0.02
78) Terphenyl-d14	12.57	244	416749	51.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	104599	35.413	ng	#	75
3) Pyridine	2.68	79	301626	33.349	ng	#	66
4) n-Nitrosodimethylamine	2.63	42	188064	37.533	ng		81
6) Aniline	6.15	93	189787	18.665	ng	#	76
8) 2-Chlorophenol	6.28	128	292095	38.594	ng		96
9) Benzaldehyde	6.03	77	86170	18.017	ng		95
10) Phenol	6.17	94	366252	38.213	ng		95
11) bis(2-Chloroethyl)ether	6.23	93	280006	36.938	ng		92
12) 1,3-Dichlorobenzene	6.43	146	283164	34.718	ng		99
13) 1,4-Dichlorobenzene	6.50	146	307867	38.089	ng		93
14) 1,2-Dichlorobenzene	6.66	146	277511	39.322	ng		99
15) Benzyl Alcohol	6.65	79	217143	42.445	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.78	45	575431	37.847	ng		79
17) 2-Methylphenol	6.77	107	219315	37.547	ng	#	91
18) Hexachloroethane	7.00	117	79976	27.046	ng	#	87
19) n-Nitroso-di-n-propylamine	6.92	70	193981	36.472	ng	#	78
20) 3+4-Methylphenols	6.93	107	292136	38.293	ng	#	62
22) Acetophenone	6.90	105	373597	40.477	ng	#	98
24) Nitrobenzene	7.07	77	255462	37.439	ng		97
25) Isophorone	7.32	82	443767	34.587	ng		96
26) 2-Nitrophenol	7.39	139	119192	32.288	ng	#	84
27) 2,4-Dimethylphenol	7.45	122	214614	35.243	ng		98
28) bis(2-Chloroethoxy)methane	7.54	93	308559	36.852	ng		99
29) 2,4-Dichlorophenol	7.65	162	202496	38.600	ng		98
30) 1,2,4-Trichlorobenzene	7.72	180	185117	37.020	ng		98
31) Naphthalene	7.79	128	679150	37.486	ng		99
32) Benzoic acid	7.56	122	15251	3.354	ng		92
33) 4-Chloroaniline	7.85	127	104912	14.231	ng		98
34) Hexachlorobutadiene	7.92	225	92369	34.844	ng		97
35) Caprolactam	8.22	113	59477	35.357	ng	#	57
36) 4-Chloro-3-methylphenol	8.36	107	183417	32.047	ng		91
37) 2-Methylnaphthalene	8.49	142	454760	39.644	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	150400	36.875	ng		99
40) Hexachlorocyclopentadiene	8.64	237	2291	8.065	ng		83

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097192.D
Acq On : 29 Jul 2017 9:33
Operator : SJ/JU
Sample : I4421-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HS5-BASE

Manual Integrations APPROVED

Quant Time: Jul 31 02:23:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	100629	34.046	ng		98
43) 2,4,5-Trichlorophenol	8.82	196	105496	35.660	ng		97
45) 1,1'-Biphenyl	8.95	154	451647	34.593	ng		96
46) 2-Chloronaphthalene	8.97	162	340776	35.468	ng		93
47) 2-Nitroaniline	9.07	65	129661	37.186	ng		93
48) Acenaphthylene	9.38	152	502398	34.067	ng		98
49) Dimethylphthalate	9.26	163	515956	44.449	ng		98
50) 2,6-Dinitrotoluene	9.32	165	80010	32.499	ng	#	81
51) Acenaphthene	9.55	154	317109	36.505	ng		99
52) 3-Nitroaniline	9.48	138	92827	30.377	ng		98
54) Dibenzofuran	9.72	168	422456	36.511	ng		99
55) 4-Nitrophenol	9.67	139	104445	57.473	ng	#	66
56) 2,4-Dinitrotoluene	9.72	165	88215	31.169	ng	#	54
57) Fluorene	10.06	166	327024	37.605	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	71788	35.144	ng		100
59) Diethylphthalate	9.95	149	394318	37.027	ng		99
60) 4-Chlorophenyl-phenylether	10.06	204	137226	38.213	ng		95
61) 4-Nitroaniline	10.09	138	96413	33.204	ng		93
62) Azobenzene	10.22	77	337469	34.159	ng		92
64) 4,6-Dinitro-2-methylphenol	10.14	198	5450	3.848	ng		87
65) n-Nitrosodiphenylamine	10.18	169	293574	37.022	ng		99
66) 4-Bromophenyl-phenylether	10.55	248	79349	34.888	ng		94
67) Hexachlorobenzene	10.61	284	82293	32.265	ng	#	87
68) Atrazine	10.71	200	88589	38.960	ng		91
69) Pentachlorophenol	10.81	266	75074	71.140	ng		99
70) Phenanthrene	11.02	178	574265	47.028	ng		99
71) Anthracene	11.07	178	508111	40.626	ng		98
72) Carbazole	11.23	167	484921	39.424	ng		99
73) Di-n-butylphthalate	11.57	149	586386	38.566	ng		99
74) Fluoranthene	12.20	202	603241	50.426	ng		98
76) Benzidine	12.32	184	285956	46.939	ng	#	92
77) Pyrene	12.42	202	629954	46.867	ng		100
79) Butylbenzylphthalate	13.05	149	226911	33.187	ng	#	78
80) Benzo(a)anthracene	13.61	228	430358	40.510	ng		99
81) 3,3'-Dichlorobenzidine	13.57	252	127967	31.942	ng	#	97
82) Chrysene	13.64	228	426824	41.146	ng		99
83) Bis(2-ethylhexyl)phthalate	13.62	149	315345	35.324	ng		98
84) Di-n-octyl phthalate	14.23	149	565663	34.529	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.20	276	265697	29.870	ng		97
87) Benzo(b)fluoranthene	14.61	252	359422	45.691	ng		98
88) Benzo(k)fluoranthene	14.63	252	256315m	34.194	ng		
89) Benzo(a)pyrene	14.92	252	310971	43.194	ng		98
90) Dibenzo(a,h)anthracene	16.20	278	215985	36.583	ng	#	93
91) Benzo(g,h,i)perylene	16.56	276	242885	39.230	ng		97

Sohil
7/31/2017 6:53:11 PM

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097192.D
Acq On : 29 Jul 2017 9:33
Operator : SJ/JU
Sample : I4421-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 31 02:23:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Manual Integrations APPROVED