Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097179.D
Acq On : 29 Jul 2017 3:01
Operator : SJ/JU
Sample : I4456-14MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-18D24MS

Manual Integrations APPROVED
Sohil
7/31/2017 6:52:32 PM

Quant Time: Jul 31 15:50:22 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)
1) 1,4-Dichlorobenzene-d4	6.49	152	112074	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	384991	20.00	ng		-0.01
38) Acenaphthene-d10	9.52	164	156581	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	215217	20.00	ng		-0.01
75) Chrysene-d12	13.62	240	174806	20.00	ng		-0.01
86) Perylene-d12	14.96	264	136480	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	828024	111.38	ng		0.00
7) Phenol-d6	6.16	99	871314	102.66	ng		-0.01
23) Nitrobenzene-d5	7.06	82	548339	83.55	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	123352	99.71	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	832583	90.24	ng		-0.02
78) Terphenyl-d14	12.57	244	530338	61.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	97019	31.271	ng	#	74
3) Pyridine	2.67	79	268579	28.271	ng	#	65
4) n-Nitrosodimethylamine	2.62	42	185666	35.277	ng		83
6) Aniline	6.15	93	301000	28.183	ng	#	87
8) 2-Chlorophenol	6.28	128	270560	34.035	ng		95
9) Benzaldehyde	6.03	77	209343	41.671	ng		97
10) Phenol	6.17	94	361654	35.924	ng		96
11) bis(2-Chloroethyl)ether	6.23	93	280645	35.247	ng		89
12) 1,3-Dichlorobenzene	6.43	146	304367	35.528	ng		97
13) 1,4-Dichlorobenzene	6.50	146	297477m	35.038	ng		
14) 1,2-Dichlorobenzene	6.66	146	241085	32.522	ng		97
15) Benzyl Alcohol	6.65	79	189470	35.260	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.78	45	542339	33.960	ng		74
17) 2-Methylphenol	6.77	107	203833	33.223	ng	#	90
18) Hexachloroethane	7.00	117	92795	29.876	ng	#	82
19) n-Nitroso-di-n-propylamine	6.92	70	190166	34.039	ng	#	84
20) 3+4-Methylphenols	6.93	107	290324	36.231	ng	#	64
22) Acetophenone	6.91	105	373367	40.384	ng		95
24) Nitrobenzene	7.08	77	264890	38.756	ng		90
25) Isophorone	7.32	82	459506	35.753	ng		96
26) 2-Nitrophenol	7.40	139	117576	31.796	ng		94
27) 2,4-Dimethylphenol	7.45	122	221645	36.336	ng		98
28) bis(2-Chloroethoxy)methane	7.54	93	327906	39.097	ng		98
29) 2,4-Dichlorophenol	7.65	162	198052	37.689	ng		98
30) 1,2,4-Trichlorobenzene	7.72	180	183564	36.648	ng		98
31) Naphthalene	7.79	128	679154	37.423	ng		99
32) Benzoic acid	7.56	122	14476	3.178	ng		90
33) 4-Chloroaniline	7.85	127	206186	27.922	ng		98
34) Hexachlorobutadiene	7.92	225	108356	40.806	ng		96
35) Caprolactam	8.22	113	67022	39.775	ng	#	54
36) 4-Chloro-3-methylphenol	8.36	107	219371	38.265	ng		90
37) 2-Methylnaphthalene	8.49	142	490884	42.721	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	169797	40.641	ng		100
40) Hexachlorocyclopentadiene	8.64	237	5999	10.359	ng		85

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097179.D
Acq On : 29 Jul 2017 3:01
Operator : SJ/JU
Sample : I4456-14MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-18D24MS

Manual Integrations APPROVED
Sohil
7/31/2017 6:52:32 PM

Quant Time: Jul 31 15:50:22 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	114894	37.948	ng		96
43) 2,4,5-Trichlorophenol	8.82	196	119180	39.328	ng		97
45) 1,1'-Biphenyl	8.95	154	516327	38.606	ng		98
46) 2-Chloronaphthalene	8.97	162	392284	39.859	ng	#	92
47) 2-Nitroaniline	9.07	65	158976	44.509	ng		94
48) Acenaphthylene	9.38	152	573454	37.961	ng		99
49) Dimethylphthalate	9.26	163	668701	56.238	ng		99
50) 2,6-Dinitrotoluene	9.32	165	92456	36.661	ng	#	78
51) Acenaphthene	9.55	154	333912	37.525	ng		100
52) 3-Nitroaniline	9.48	138	120131	38.377	ng		97
53) 2,4-Dinitrophenol	9.62	184	1446	1.261	ng		83
54) Dibenzofuran	9.72	168	477267	40.268	ng		98
55) 4-Nitrophenol	9.67	139	119931	64.426	ng	#	70
56) 2,4-Dinitrotoluene	9.72	165	94012	32.428	ng	#	45
57) Fluorene	10.06	166	338118	37.956	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	78196	37.371	ng		100
59) Diethylphthalate	9.95	149	431546	39.560	ng		98
60) 4-Chlorophenyl-phenylether	10.06	204	146418	39.803	ng		96
61) 4-Nitroaniline	10.09	138	114869	38.620	ng		90
62) Azobenzene	10.22	77	399979	39.524	ng		92
64) 4,6-Dinitro-2-methylphenol	10.14	198	4306	3.220	ng		91
65) n-Nitrosodiphenylamine	10.18	169	322074	43.010	ng		99
66) 4-Bromophenyl-phenylether	10.55	248	86213	40.140	ng		96
67) Hexachlorobenzene	10.61	284	83444	34.645	ng	#	86
68) Atrazine	10.71	200	80078	37.293	ng		95
69) Pentachlorophenol	10.81	266	70208	70.451	ng		95
70) Phenanthrene	11.02	178	476757	41.344	ng		99
71) Anthracene	11.07	178	463111	39.211	ng		98
72) Carbazole	11.23	167	451692	38.887	ng		98
73) Di-n-butylphthalate	11.57	149	554498	38.619	ng		98
74) Fluoranthene	12.20	202	529811	46.899	ng		98
76) Benzidine	12.33	184	294318	45.376	ng	#	92
77) Pyrene	12.42	202	534655	37.360	ng		98
79) Butylbenzylphthalate	13.05	149	247838	34.046	ng	#	77
80) Benzo(a)anthracene	13.61	228	429210	37.947	ng		98
81) 3,3'-Dichlorobenzidine	13.57	252	146453	34.336	ng	#	97
82) Chrysene	13.64	228	417913	37.839	ng		98
83) Bis(2-ethylhexyl)phthalate	13.62	149	327460	34.453	ng		100
84) Di-n-octyl phthalate	14.23	149	610222	34.986	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.19	276	261789	27.643	ng		98
87) Benzo(b)fluoranthene	14.61	252	373214	45.491	ng		98
88) Benzo(k)fluoranthene	14.63	252	278311m	35.600	ng		
89) Benzo(a)pyrene	14.92	252	293042	39.028	ng		99
90) Dibenzo(a,h)anthracene	16.20	278	212533	34.517	ng		95
91) Benzo(g,h,i)perylene	16.55	276	222362	34.437	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097179.D
Acq On : 29 Jul 2017 3:01
Operator : SJ/JU
Sample : I4456-14MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 31 15:50:22 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 :
TP-18D24MS

Manual Integrations APPROVED
Sohil
7/31/2017 6:52:32 PM