Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097923.D
Acq On : 21 Aug 2017 23:34
Operator : SJ/JU
Sample : I4890-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLEAN-SAND-6MSD

Manual Integrations APPROVED
Sohil
8/22/2017 5:44:45 PM

Quant Time: Aug 22 05:58:14 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	6.75	152	122058	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	481679	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	195028	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	322586	20.00	ng		0.00
75) Chrysene-d12	13.90	240	239297	20.00	ng		0.00
86) Perylene-d12	15.32	264	180650	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1077646	134.30	ng		0.02
7) Phenol-d6	6.40	99	1461949	134.09	ng		0.01
23) Nitrobenzene-d5	7.32	82	914832	103.18	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	218197	128.94	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1212054	91.31	ng		0.00
78) Terphenyl-d14	12.85	244	826900	72.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	165919	37.075	ng		92
3) Pyridine	3.21	79	460420	37.216	ng		88
4) n-Nitrosodimethylamine	3.15	42	205217	43.110	ng		81
6) Aniline	6.42	93	569952	37.212	ng	#	91
8) 2-Chlorophenol	6.54	128	375970	44.427	ng		97
9) Benzaldehyde	6.30	77	282552	40.914	ng		88
10) Phenol	6.41	94	582950	45.716	ng		90
11) bis(2-Chloroethyl)ether	6.49	93	422506	43.899	ng		97
12) 1,3-Dichlorobenzene	6.69	146	370227	40.672	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	371798	40.160	ng	#	93
14) 1,2-Dichlorobenzene	6.92	146	345756	40.503	ng		98
15) Benzyl Alcohol	6.90	79	368638	45.160	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	550995	42.550	ng		90
17) 2-Methylphenol	7.01	107	342826	45.970	ng		96
18) Hexachloroethane	7.26	117	128001	35.265	ng	#	82
19) n-Nitroso-di-n-propylamine	7.17	70	302113	40.478	ng		90
20) 3+4-Methylphenols	7.16	107	397033	43.588	ng		94
22) Acetophenone	7.16	105	538977	42.356	ng	#	91
24) Nitrobenzene	7.34	77	478340	48.452	ng		96
25) Isophorone	7.58	82	849043	46.051	ng		97
26) 2-Nitrophenol	7.65	139	174008	48.579	ng	#	77
27) 2,4-Dimethylphenol	7.69	122	339825	44.195	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	539903	44.542	ng		98
29) 2,4-Dichlorophenol	7.89	162	291475	45.666	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	295681	41.788	ng		97
31) Naphthalene	8.06	128	1042135	41.675	ng		100
32) Benzoic acid	7.78	122	42857	13.033	ng		91
33) 4-Chloroaniline	8.10	127	385395	36.544	ng		99
34) Hexachlorobutadiene	8.17	225	162663	39.373	ng		99
35) Caprolactam	8.48	113	104241m	48.039	ng		
36) 4-Chloro-3-methylphenol	8.59	107	354930	43.280	ng	#	78
37) 2-Methylnaphthalene	8.75	142	659910	43.044	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	267246	44.650	ng		98
40) Hexachlorocyclopentadiene	8.90	237	83253	28.953	ng		100

Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097923.D
Acq On : 21 Aug 2017 23:34
Operator : SJ/JU
Sample : I4890-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLEAN-SAND-6MSD

Manual Integrations APPROVED
Sohil
8/22/2017 5:44:45 PM

Quant Time: Aug 22 05:58:14 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	9.03	196	190483	47.403	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	193545	48.549	ng		98
45) 1,1'-Biphenyl	9.21	154	760725	42.774	ng		96
46) 2-Chloronaphthalene	9.23	162	558488	42.501	ng	#	91
47) 2-Nitroaniline	9.33	65	241958	54.924	ng		97
48) Acenaphthylene	9.65	152	890961	43.176	ng		99
49) Dimethylphthalate	9.52	163	957814	67.187	ng		99
50) 2,6-Dinitrotoluene	9.57	165	135789	47.719	ng	#	48
51) Acenaphthene	9.82	154	528002	40.570	ng		99
52) 3-Nitroaniline	9.75	138	168175	45.807	ng		91
53) 2,4-Dinitrophenol	9.85	184	14790	19.683	ng	#	79
54) Dibenzofuran	9.99	168	775397	44.454	ng		99
55) 4-Nitrophenol	9.91	139	235226	80.317	ng	#	40
56) 2,4-Dinitrotoluene	9.97	165	169588	47.488	ng	#	46
57) Fluorene	10.33	166	546841	40.550	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	146141	47.348	ng		96
59) Diethylphthalate	10.22	149	681659	45.724	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	263328	42.032	ng		91
61) 4-Nitroaniline	10.36	138	161019	46.145	ng	#	71
62) Azobenzene	10.49	77	780476	44.074	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	15545	16.774	ng		87
65) n-Nitrosodiphenylamine	10.45	169	524860	47.780	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	158317	47.261	ng		98
67) Hexachlorobenzene	10.88	284	145785	42.697	ng	#	88
68) Atrazine	10.97	200	140256	48.145	ng		98
69) Pentachlorophenol	11.07	266	150863	75.781	ng		100
70) Phenanthrene	11.29	178	730807	42.514	ng		100
71) Anthracene	11.35	178	755282	43.320	ng		99
72) Carbazole	11.50	167	723358	43.709	ng		98
73) Di-n-butylphthalate	11.83	149	936346	49.119	ng		99
74) Fluoranthene	12.47	202	724636	40.388	ng		99
76) Benzidine	12.60	184	649060	82.725	ng	#	92
77) Pyrene	12.70	202	748735	38.256	ng		98
79) Butylbenzylphthalate	13.33	149	353968	47.172	ng	#	69
80) Benzo(a)anthracene	13.89	228	583191	40.663	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	242969	50.204	ng	#	95
82) Chrysene	13.93	228	579242	40.600	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	424467	51.048	ng	#	100
84) Di-n-octyl phthalate	14.50	149	825781	57.077	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	423314	40.334	ng		93
87) Benzo(b)fluoranthene	14.92	252	507452	44.564	ng		98
88) Benzo(k)fluoranthene	14.94	252	478475	44.725	ng	#	93
89) Benzo(a)pyrene	15.26	252	460601	45.692	ng		97
90) Dibenzo(a,h)anthracene	16.72	278	349144	42.544	ng		98
91) Benzo(g,h,i)perylene	17.12	276	333229	38.915	ng		93

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

Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097923.D
Acq On : 21 Aug 2017 23:34
Operator : SJ/JU
Sample : I4890-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 22 05:58:14 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 :
CLEAN-SAND-6MSD

Manual Integrations APPROVED
Sohil
8/22/2017 5:44:45 PM