Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098387.D
Acq On : 9 Sep 2017 15:52
Operator : SJ/JU
Sample : I5178-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-5-7MSD

Quant Time: Sep 11 04:12:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113821	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	448968	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	195709	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	338684	20.00	ng		-0.03
75) Chrysene-d12	13.83	240	222746	20.00	ng		-0.04
86) Perylene-d12	15.23	264	225358	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	664973	88.87	ng		-0.01
7) Phenol-d6	6.33	99	891675	87.70	ng		-0.02
23) Nitrobenzene-d5	7.25	82	561601	67.95	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	169001	99.52	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	869487	65.27	ng		-0.03
78) Terphenyl-d14	12.77	244	590838	55.31	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	91876	22.016	ng	#	85
3) Pyridine	3.03	79	270276	23.427	ng	#	85
4) n-Nitrosodimethylamine	2.99	42	100036	22.535	ng	#	58
6) Aniline	6.34	93	281676	19.721	ng	#	65
8) 2-Chlorophenol	6.47	128	243573	30.865	ng		98
9) Benzaldehyde	6.22	77	52297	8.121	ng		91
10) Phenol	6.35	94	396802	33.370	ng		92
11) bis(2-Chloroethyl)ether	6.42	93	267602	29.817	ng		96
12) 1,3-Dichlorobenzene	6.62	146	239499	28.214	ng		95
13) 1,4-Dichlorobenzene	6.69	146	246188	28.516	ng		93
14) 1,2-Dichlorobenzene	6.85	146	226949	28.510	ng		97
15) Benzyl Alcohol	6.83	79	214677	28.202	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	311456	25.793	ng	#	23
17) 2-Methylphenol	6.95	107	216772	31.171	ng	#	91
18) Hexachloroethane	7.19	117	91095	26.913	ng	#	84
19) n-Nitroso-di-n-propylamine	7.10	70	195510	28.091	ng		89
20) 3+4-Methylphenols	7.11	107	285109	33.566	ng	#	64
22) Acetophenone	7.09	105	360814	30.421	ng	#	82
24) Nitrobenzene	7.27	77	296602	32.232	ng		98
25) Isophorone	7.50	82	536155	31.199	ng		97
26) 2-Nitrophenol	7.58	139	127119	39.211	ng	#	84
27) 2,4-Dimethylphenol	7.63	122	222575	31.055	ng		93
28) bis(2-Chloroethoxy)methane	7.72	93	352059	31.161	ng		99
29) 2,4-Dichlorophenol	7.83	162	199197	33.482	ng		93
30) 1,2,4-Trichlorobenzene	7.90	180	199366	30.229	ng		98
31) Naphthalene	7.98	128	703044	30.163	ng		100
32) Benzoic acid	7.76	122	89717	21.293	ng		92
33) 4-Chloroaniline	8.03	127	195981	19.937	ng		98
34) Hexachlorobutadiene	8.10	225	114651	29.774	ng		98
35) Caprolactam	8.40	113	71777	35.488	ng		95
36) 4-Chloro-3-methylphenol	8.53	107	234295	30.652	ng	#	80
37) 2-Methylnaphthalene	8.67	142	457135	31.990	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	188853	31.443	ng		98
40) Hexachlorocyclopentadiene	8.82	237	74329	25.760	ng		99

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098387.D
Acq On : 9 Sep 2017 15:52
Operator : SJ/JU
Sample : I5178-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-COMP-5-7MSD

Quant Time: Sep 11 04:12:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	129383	32.086	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	134054	33.510	ng		96
45) 1,1'-Biphenyl	9.13	154	547751	30.692	ng		95
46) 2-Chloronaphthalene	9.16	162	397637	30.155	ng		94
47) 2-Nitroaniline	9.26	65	149432	33.803	ng		97
48) Acenaphthylene	9.57	152	641569	30.982	ng		98
49) Dimethylphthalate	9.44	163	553971	38.724	ng		100
50) 2,6-Dinitrotoluene	9.50	165	102916	36.041	ng	#	66
51) Acenaphthene	9.75	154	377702	28.920	ng		100
52) 3-Nitroaniline	9.67	138	93011	25.246	ng		96
53) 2,4-Dinitrophenol	9.79	184	31342	30.290	ng	#	76
54) Dibenzofuran	9.92	168	556711	31.806	ng		99
55) 4-Nitrophenol	9.86	139	132538	45.097	ng	#	46
56) 2,4-Dinitrotoluene	9.91	165	125497	35.020	ng	#	57
57) Fluorene	10.26	166	424401	31.361	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.04	232	102513	33.098	ng	#	89
59) Diethylphthalate	10.14	149	491347	32.844	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	203804	32.417	ng	#	86
61) 4-Nitroaniline	10.29	138	104320	29.792	ng		83
62) Azobenzene	10.41	77	553665	31.157	ng		93
64) 4,6-Dinitro-2-methylphenol	10.32	198	29660	23.683	ng	#	75
65) n-Nitrosodiphenylamine	10.37	169	392171	34.004	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	123175	35.023	ng		90
67) Hexachlorobenzene	10.80	284	116131	32.396	ng	#	90
68) Atrazine	10.90	200	111914	36.590	ng		98
69) Pentachlorophenol	11.00	266	88809	42.490	ng		97
70) Phenanthrene	11.22	178	577760	32.013	ng		99
71) Anthracene	11.27	178	580642	31.720	ng		99
72) Carbazole	11.43	167	527407	30.354	ng		98
73) Di-n-butylphthalate	11.76	149	726874	36.318	ng		99
74) Fluoranthene	12.40	202	524398	27.838	ng		98
76) Benzidine	12.53	184	304322	41.669	ng	#	91
77) Pyrene	12.63	202	520479	28.569	ng		97
79) Butylbenzylphthalate	13.25	149	236259	33.825	ng	#	78
80) Benzo(a)anthracene	13.82	228	404120	30.271	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	150419	33.390	ng	#	95
82) Chrysene	13.85	228	400711	30.173	ng		100
83) Bis(2-ethylhexyl)phthalate	13.81	149	323245	41.763	ng	#	98
84) Di-n-octyl phthalate	14.42	149	558760	41.490	ng		96
85) Indeno(1,2,3-cd)pyrene	16.57	276	395429	40.476	ng		96
87) Benzo(b)fluoranthene	14.83	252	430336	30.295	ng		98
88) Benzo(k)fluoranthene	14.86	252	392922	29.442	ng	#	96
89) Benzo(a)pyrene	15.17	252	405080	32.212	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	331537	32.384	ng		100
91) Benzo(g,h,i)perylene	16.98	276	315183	29.505	ng		94

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098387.D
Acq On : 9 Sep 2017 15:52
Operator : SJ/JU
Sample : I5178-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-5-7MSD

Quant Time: Sep 11 04:12:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration