Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102749.D
Acq On : 5 Feb 2018 20:21
Operator : SJ/JU
Sample : J1456-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-9-WW(1-4)MS

Quant Time: Feb 06 00:43:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	195390	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	882074	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	366641	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	482142	20.00	ng		0.00
75) Chrysene-d12	14.07	240	234116	20.00	ng		0.02
86) Perylene-d12	15.56	264	253541	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1540334	119.72	ng		0.01
7) Phenol-d6	6.52	99	1835226	118.47	ng		0.01
23) Nitrobenzene-d5	7.45	82	1014637	79.80	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	325560	110.32	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1720199	77.85	ng		0.00
78) Terphenyl-d14	13.01	244	893089	90.32	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	228465	35.952	ng	#	85
3) Pyridine	3.48	79	659791	37.580	ng		87
4) n-Nitrosodimethylamine	3.42	42	352736	46.957	ng		95
6) Aniline	6.55	93	251099	10.976	ng		95
8) 2-Chlorophenol	6.67	128	552039	41.677	ng		99
9) Benzaldehyde	6.43	77	208044	18.084	ng		94
10) Phenol	6.53	94	750745	45.220	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	557309	40.342	ng		90
12) 1,3-Dichlorobenzene	6.83	146	576224	37.567	ng		99
13) 1,4-Dichlorobenzene	6.90	146	492708	32.247	ng		97
14) 1,2-Dichlorobenzene	7.06	146	530624	37.285	ng		97
15) Benzyl Alcohol	7.02	79	492097	41.317	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	889379	33.891	ng		97
17) 2-Methylphenol	7.13	107	496903	40.670	ng		97
18) Hexachloroethane	7.40	117	217585	41.528	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	445522	43.619	ng		95
20) 3+4-Methylphenols	7.29	107	551961	36.634	ng	#	85
22) Acetophenone	7.30	105	785927	36.410	ng	#	96
24) Nitrobenzene	7.47	77	568160	37.975	ng		98
25) Isophorone	7.70	82	1194516	40.797	ng	#	96
26) 2-Nitrophenol	7.78	139	273433	45.131	ng		94
27) 2,4-Dimethylphenol	7.82	122	538797	43.557	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	690862	39.831	ng		98
29) 2,4-Dichlorophenol	8.02	162	475512	42.287	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	458802	36.066	ng		99
31) Naphthalene	8.19	128	1660426	38.528	ng		99
32) Benzoic acid	7.90	122	114993	20.637	ng	#	72
33) 4-Chloroaniline	8.24	127	265294	14.290	ng		99
34) Hexachlorobutadiene	8.30	225	236106	36.220	ng		99
35) Caprolactam	8.60	113	148346	37.986	ng	#	25
36) 4-Chloro-3-methylphenol	8.72	107	526263	41.652	ng		100
37) 2-Methylnaphthalene	8.88	142	1119359	39.672	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	402198	40.288	ng		99
40) Hexachlorocyclopentadiene	9.03	237	85031	17.917	ng		95

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102749.D
Acq On : 5 Feb 2018 20:21
Operator : SJ/JU
Sample : J1456-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-SAN-9-WW(1-4)MS

Quant Time: Feb 06 00:43:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	302101	46.072	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	321677	43.526	ng		98
45) 1,1'-Biphenyl	9.35	154	1169868	37.883	ng		100
46) 2-Chloronaphthalene	9.37	162	923795	37.998	ng		99
47) 2-Nitroaniline	9.46	65	353023	47.125	ng		88
48) Acenaphthylene	9.79	152	1351437	35.790	ng		99
49) Dimethylphthalate	9.65	163	1171642	40.984	ng		99
50) 2,6-Dinitrotoluene	9.71	165	234393	43.096	ng		90
51) Acenaphthene	9.96	154	833681	36.918	ng		100
52) 3-Nitroaniline	9.87	138	212440	31.744	ng		94
53) 2,4-Dinitrophenol	9.97	184	21480	25.800	ng	#	31
54) Dibenzofuran	10.13	168	1174676	36.912	ng		98
55) 4-Nitrophenol	10.03	139	413618	75.450	ng		95
56) 2,4-Dinitrotoluene	10.11	165	293375	40.718	ng	#	95
57) Fluorene	10.47	166	870085	37.578	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	217735	42.508	ng	#	97
59) Diethylphthalate	10.35	149	911030	32.274	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	379983	37.098	ng		96
61) 4-Nitroaniline	10.49	138	236385	37.109	ng		92
62) Azobenzene	10.63	77	921506	32.678	ng		93
64) 4,6-Dinitro-2-methylphenol	10.52	198	21758	18.520	ng	#	61
65) n-Nitrosodiphenylamine	10.59	169	852730	50.141	ng		96
66) 4-Bromophenyl-phenylether	10.96	248	234351	45.950	ng		95
67) Hexachlorobenzene	11.03	284	229798	40.843	ng		91
68) Atrazine	11.11	200	213857	42.625	ng		95
69) Pentachlorophenol	11.22	266	244507	74.030	ng		98
70) Phenanthrene	11.44	178	1306716	48.663	ng		99
71) Anthracene	11.49	178	1096604	40.152	ng		99
72) Carbazole	11.64	167	940240	35.141	ng		98
73) Di-n-butylphthalate	11.97	149	1229992	37.844	ng		100
74) Fluoranthene	12.64	202	988606	36.593	ng		97
76) Benzidine	12.75	184	297707	27.668	ng	#	93
77) Pyrene	12.87	202	952528	51.885	ng		99
79) Butylbenzylphthalate	13.48	149	355960	40.695	ng		99
80) Benzo(a)anthracene	14.06	228	660998	44.893	ng		97
81) 3,3'-Dichlorobenzidine	14.02	252	111651	20.452	ng	#	94
82) Chrysene	14.10	228	623697	42.022	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	513463	45.657	ng		96
84) Di-n-octyl phthalate	14.65	149	806561	47.764	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.06	276	677219	55.014	ng		98
87) Benzo(b)fluoranthene	15.12	252	665763	40.501	ng	#	89
88) Benzo(k)fluoranthene	15.15	252	605365	38.543	ng	#	94
89) Benzo(a)pyrene	15.50	252	624856	42.231	ng	#	91
90) Dibenzo(a,h)anthracene	17.07	278	536189	44.647	ng		96
91) Benzo(g,h,i)perylene	17.51	276	571572	48.624	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102749.D
Acq On : 5 Feb 2018 20:21
Operator : SJ/JU
Sample : J1456-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-9-WW(1-4)MS

Quant Time: Feb 06 00:43:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration