Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103809.D
Acq On : 20 Mar 2018 18:24
Operator : JU/SJ
Sample : J1975-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-SOILMSD

Manual Integrations APPROVED
Sohil
3/22/2018 12:57:38 PM

Quant Time: Mar 21 01:35:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147305	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	598915	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	270752	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	442352	20.00	ng		0.01
75) Chrysene-d12	14.16	240	284945	20.00	ng		0.01
86) Perylene-d12	15.70	264	263509	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1088157	112.36	ng		0.02
7) Phenol-d6	6.60	99	1256607	106.05	ng		0.01
23) Nitrobenzene-d5	7.54	82	759038	88.38	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	283351	121.72	ng		0.01
44) 2-Fluorobiphenyl	9.33	172	1274415	75.08	ng		0.00
78) Terphenyl-d14	13.10	244	1038729	84.61	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	145056	30.418	ng	#	90
3) Pyridine	3.66	79	321880	24.540	ng		87
4) n-Nitrosodimethylamine	3.61	42	162462	33.592	ng		80
6) Aniline	6.64	93	343853	20.324	ng		94
8) 2-Chlorophenol	6.76	128	366328	36.108	ng		91
9) Benzaldehyde	6.52	77	123076	15.811	ng		98
10) Phenol	6.61	94	455550	36.182	ng		98
11) bis(2-Chloroethyl)ether	6.71	93	349174	33.595	ng		93
12) 1,3-Dichlorobenzene	6.92	146	380642	32.942	ng		98
13) 1,4-Dichlorobenzene	6.99	146	381529	32.859	ng		99
14) 1,2-Dichlorobenzene	7.15	146	357628	33.192	ng		99
15) Benzyl Alcohol	7.11	79	311240	33.903	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	453862	30.701	ng		93
17) 2-Methylphenol	7.22	107	305725	33.839	ng		98
18) Hexachloroethane	7.49	117	125068	30.622	ng		100
19) n-Nitroso-di-n-propylamine	7.38	70	237684	31.301	ng		93
20) 3+4-Methylphenols	7.37	107	382285	33.342	ng		98
22) Acetophenone	7.38	105	486257	31.591	ng	#	94
24) Nitrobenzene	7.56	77	366719	36.371	ng		96
25) Isophorone	7.79	82	721032	36.267	ng		100
26) 2-Nitrophenol	7.87	139	195384	50.356	ng		97
27) 2,4-Dimethylphenol	7.90	122	345560	40.572	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	443073	36.803	ng		99
29) 2,4-Dichlorophenol	8.11	162	299768	38.685	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	304847	33.919	ng		98
31) Naphthalene	8.28	128	1021706	33.771	ng		100
32) Benzoic acid	7.95	122	27282	13.508	ng		94
33) 4-Chloroaniline	8.32	127	198063	15.605	ng		96
34) Hexachlorobutadiene	8.39	225	161754	32.826	ng		98
35) Caprolactam	8.69	113	92052m	34.499	ng		
36) 4-Chloro-3-methylphenol	8.80	107	317915	37.216	ng		99
37) 2-Methylnaphthalene	8.97	142	668354	34.836	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	280871	36.362	ng		99
40) Hexachlorocyclopentadiene	9.12	237	69402	17.413	ng		98

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103809.D
Acq On : 20 Mar 2018 18:24
Operator : JU/SJ
Sample : J1975-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-SOILMSD

Manual Integrations APPROVED
Sohil
3/22/2018 12:57:38 PM

Quant Time: Mar 21 01:35:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	198680	40.213	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	214051	38.385	ng		97
45) 1,1'-Biphenyl	9.43	154	773062	34.241	ng		99
46) 2-Chloronaphthalene	9.46	162	616591	34.385	ng		98
47) 2-Nitroaniline	9.56	65	190770	41.709	ng		92
48) Acenaphthylene	9.88	152	935983	33.660	ng		100
49) Dimethylphthalate	9.73	163	833053	40.328	ng		99
50) 2,6-Dinitrotoluene	9.80	165	161466	41.037	ng		89
51) Acenaphthene	10.05	154	546382	33.092	ng		99
52) 3-Nitroaniline	9.97	138	145326	31.748	ng		93
53) 2,4-Dinitrophenol	10.07	184	18357	30.216	ng	#	23
54) Dibenzofuran	10.22	168	823700	34.931	ng		98
55) 4-Nitrophenol	10.12	139	276870	73.631	ng		93
56) 2,4-Dinitrotoluene	10.20	165	209791	42.289	ng	#	88
57) Fluorene	10.57	166	628479	34.347	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	156849	39.695	ng		94
59) Diethylphthalate	10.43	149	698235	34.056	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	298878	35.740	ng		93
61) 4-Nitroaniline	10.59	138	163158	36.382	ng		92
62) Azobenzene	10.72	77	645546	30.970	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	23229	22.281	ng		86
65) n-Nitrosodiphenylamine	10.67	169	576657	38.299	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	178303	39.258	ng		95
67) Hexachlorobenzene	11.12	284	187931	36.254	ng		94
68) Atrazine	11.20	200	180630	38.781	ng		99
69) Pentachlorophenol	11.31	266	155537	52.190	ng		97
70) Phenanthrene	11.53	178	840796	34.747	ng		99
71) Anthracene	11.59	178	865351	35.210	ng		99
72) Carbazole	11.74	167	804011	33.658	ng		100
73) Di-n-butylphthalate	12.06	149	1042180	36.361	ng		99
74) Fluoranthene	12.73	202	794181	31.858	ng		100
76) Benzidine	12.84	184	339155	27.907	ng		98
77) Pyrene	12.96	202	768062	36.703	ng		99
79) Butylbenzylphthalate	13.56	149	379991	40.985	ng		99
80) Benzo(a)anthracene	14.15	228	609502	33.792	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	221348	36.688	ng		98
82) Chrysene	14.19	228	575170	33.452	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	525664	39.688	ng		100
84) Di-n-octyl phthalate	14.75	149	814546	42.272	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	508636	33.875	ng		97
87) Benzo(b)fluoranthene	15.24	252	580269	34.855	ng		97
88) Benzo(k)fluoranthene	15.28	252	512620	32.033	ng		99
89) Benzo(a)pyrene	15.64	252	522028	34.572	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	437723	33.478	ng		97
91) Benzo(g,h,i)perylene	17.77	276	393451	30.932	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103809.D
Acq On : 20 Mar 2018 18:24
Operator : JU/SJ
Sample : J1975-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 21 01:35:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
FS-SOILMSD

Manual Integrations APPROVED
Sohil
3/22/2018 12:57:38 PM