Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089649.D
Acq On : 6 Aug 2016 4:09
Operator : UM/SJ
Sample : H4352-02MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMS

Manual Integrations APPROVED
umangi
8/8/2016 9:20:31 AM

Quant Time: Aug 08 04:40:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	40725	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	170527	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	69777	20.00	ng		0.00
63) Phenanthrene-d10	14.69	188	102012	20.00	ng		-0.01
75) Chrysene-d12	18.39	240	82114	20.00	ng		0.00
86) Perylene-d12	20.05	264	69257	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	372629	153.36	ng		0.05
7) Phenol-d6	6.99	99	465732	141.29	ng		0.01
23) Nitrobenzene-d5	8.36	82	334671	108.55	ng		0.00
41) 2,4,6-Tribromophenol	13.59	330	79594	138.23	ng		0.00
44) 2-Fluorobiphenyl	11.26	172	575446	107.18	ng		0.00
78) Terphenyl-d14	17.05	244	346855	83.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	48015	34.47	ng	#	81
3) Pyridine	2.47	79	95868m	37.45	ng		
4) n-Nitrosodimethylamine	2.40	42	52889	47.41	ng		93
6) Aniline	6.95	93	71662m	16.78	ng		
8) 2-Chlorophenol	7.13	128	155770	52.22	ng		98
9) Benzaldehyde	6.75	77	36082m	30.17	ng		
10) Phenol	7.02	94	167010	49.35	ng		97
11) bis(2-Chloroethyl)ether	7.10	93	147824	50.84	ng		99
12) 1,3-Dichlorobenzene	7.35	146	157894	48.73	ng		98
13) 1,4-Dichlorobenzene	7.47	146	154512	47.82	ng		99
14) 1,2-Dichlorobenzene	7.70	146	158171	46.44	ng		99
15) Benzyl Alcohol	7.74	79	131660	60.92	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.94	45	179553	48.50	ng	#	60
17) 2-Methylphenol	7.95	107	116808	54.22	ng		98
18) Hexachloroethane	8.23	117	60639	44.53	ng		93
19) n-Nitroso-di-n-propylamine	8.17	70	121926	51.20	ng		97
20) 3+4-Methylphenols	8.22	107	149965	55.15	ng		98
22) Acetophenone	8.12	105	188269	46.31	ng		96
24) Nitrobenzene	8.39	77	162266	55.41	ng		96
25) Isophorone	8.79	82	312023	52.86	ng		98
26) 2-Nitrophenol	8.89	139	72459	53.92	ng		98
27) 2,4-Dimethylphenol	9.04	122	134047	55.48	ng		95
28) bis(2-Chloroethoxy)methane	9.16	93	191694	53.67	ng		99
29) 2,4-Dichlorophenol	9.31	162	122121	53.42	ng		96
30) 1,2,4-Trichlorobenzene	9.40	180	128466	49.20	ng		99
31) Naphthalene	9.51	128	443554	48.94	ng		100
32) Benzoic acid	9.35	122	48981	32.27	ng		97
33) 4-Chloroaniline	9.67	127	36159	10.62	ng	#	92
34) Hexachlorobutadiene	9.72	225	70093	46.62	ng		99
35) Caprolactam	10.27	113	30420m	45.66	ng		
36) 4-Chloro-3-methylphenol	10.51	107	130949	49.28	ng		96
37) 2-Methylnaphthalene	10.63	142	273989	49.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	106169	40.48	ng		99
40) Hexachlorocyclopentadiene	10.89	237	15929	24.61	ng		97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089649.D
Acq On : 6 Aug 2016 4:09
Operator : UM/SJ
Sample : H4352-02MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMS

Manual Integrations APPROVED
umangi
8/8/2016 9:20:31 AM

Quant Time: Aug 08 04:40:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	75832	58.62	ng		98
43) 2,4,5-Trichlorophenol	11.21	196	80582	58.29	ng		99
45) 1,1'-Biphenyl	11.41	154	301456	47.91	ng		100
46) 2-Chloronaphthalene	11.42	162	249115	52.80	ng		98
47) 2-Nitroaniline	11.62	65	78898	51.88	ng		96
48) Acenaphthylene	12.07	152	391910	50.43	ng		100
49) Dimethylphthalate	11.97	163	316457	57.86	ng		99
50) 2,6-Dinitrotoluene	12.05	165	62970	57.91	ng		92
51) Acenaphthene	12.35	154	229840	51.20	ng		99
52) 3-Nitroaniline	12.31	138	42509	32.68	ng		99
53) 2,4-Dinitrophenol	12.51	184	17915	46.03	ng		97
54) Dibenzofuran	12.64	168	343502	55.66	ng		99
55) 4-Nitrophenol	12.69	139	57062	88.76	ng	#	70
56) 2,4-Dinitrotoluene	12.70	165	79191	51.78	ng		92
57) Fluorene	13.19	166	264986	50.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	58755	55.98	ng		96
59) Diethylphthalate	13.11	149	313051	55.35	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	124354	51.41	ng		98
61) 4-Nitroaniline	13.31	138	47416	40.55	ng		95
62) Azobenzene	13.47	77	307343	56.18	ng		92
64) 4,6-Dinitro-2-methylphenol	13.37	198	16463	28.79	ng		90
65) n-Nitrosodiphenylamine	13.44	169	222888	64.69	ng		100
66) 4-Bromophenyl-phenylether	14.00	248	62819	63.67	ng	#	79
67) Hexachlorobenzene	14.07	284	60113	55.38	ng		99
68) Atrazine	14.35	200	64493	67.04	ng		96
69) Pentachlorophenol	14.42	266	53922	114.17	ng		98
70) Phenanthrene	14.73	178	312632	56.36	ng		99
71) Anthracene	14.81	178	327657	55.10	ng		100
72) Carbazole	15.11	167	280199	56.53	ng		99
73) Di-n-butylphthalate	15.70	149	409757	61.13	ng		99
74) Fluoranthene	16.49	202	294169	51.59	ng		98
76) Benzidine	16.73	184	64255	25.81	ng		100
77) Pyrene	16.79	202	302059	41.61	ng		98
79) Butylbenzylphthalate	17.71	149	144853	46.89	ng	#	79
80) Benzo(a)anthracene	18.38	228	254998	54.05	ng		99
81) 3,3'-Dichlorobenzidine	18.37	252	80706	54.30	ng		98
82) Chrysene	18.42	228	264546	53.45	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	201586	47.13	ng		100
84) Di-n-octyl phthalate	19.25	149	373527	60.68	ng		98
85) Indeno(1,2,3-cd)pyrene	21.23	276	188568	50.17	ng		99
87) Benzo(b)fluoranthene	19.65	252	230201	54.04	ng		99
88) Benzo(k)fluoranthene	19.68	252	250136m	58.21	ng		
89) Benzo(a)pyrene	19.99	252	220051	55.18	ng	#	96
90) Dibenzo(a,h)anthracene	21.23	278	162563	43.63	ng	#	96
91) Benzo(g,h,i)perylene	21.57	276	148987	39.06	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089649.D
Acq On : 6 Aug 2016 4:09
Operator : UM/SJ
Sample : H4352-02MS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 08 04:40:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMS

Manual Integrations APPROVED
umangi
8/8/2016 9:20:31 AM