Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089650.D
Acq On : 6 Aug 2016 4:43
Operator : UM/SJ
Sample : H4352-02MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VPMSD

Manual Integrations APPROVED
umangi
8/8/2016 9:21:02 AM

Quant Time: Aug 08 04:43:01 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	43902	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	181952	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	73808	20.00	ng		0.00
63) Phenanthrene-d10	14.69	188	108761	20.00	ng		-0.01
75) Chrysene-d12	18.39	240	87989	20.00	ng		0.00
86) Perylene-d12	20.05	264	79083	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	393521	150.24	ng		0.06
7) Phenol-d6	7.00	99	464007	130.58	ng		0.02
23) Nitrobenzene-d5	8.36	82	357297	108.62	ng		0.00
41) 2,4,6-Tribromophenol	13.59	330	84257	138.33	ng		0.00
44) 2-Fluorobiphenyl	11.26	172	613388	108.01	ng		0.00
78) Terphenyl-d14	17.05	244	364554	81.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	50192	33.43	ng	#	83
3) Pyridine	2.49	79	92115m	33.38	ng		
4) n-Nitrosodimethylamine	2.43	42	56951	47.36	ng		99
6) Aniline	7.02	93	37157m	8.07	ng		
8) 2-Chlorophenol	7.13	128	168117	52.28	ng		98
9) Benzaldehyde	6.76	77	27457	21.30	ng		91
10) Phenol	7.02	94	179589	49.23	ng		100
11) bis(2-Chloroethyl)ether	7.10	93	162648	51.89	ng		99
12) 1,3-Dichlorobenzene	7.35	146	166820	47.76	ng		99
13) 1,4-Dichlorobenzene	7.47	146	166653	47.84	ng		99
14) 1,2-Dichlorobenzene	7.70	146	167104	45.51	ng		100
15) Benzyl Alcohol	7.74	79	132230	56.75	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.94	45	192245	48.17	ng	#	55
17) 2-Methylphenol	7.95	107	123103	53.01	ng		93
18) Hexachloroethane	8.23	117	62994	42.91	ng		92
19) n-Nitroso-di-n-propylamine	8.17	70	127532	49.68	ng		96
20) 3+4-Methylphenols	8.22	107	156691	53.45	ng		99
22) Acetophenone	8.12	105	206320	47.57	ng		97
24) Nitrobenzene	8.39	77	178137	57.01	ng		98
25) Isophorone	8.79	82	332076	52.72	ng		100
26) 2-Nitrophenol	8.89	139	81291	56.69	ng		98
27) 2,4-Dimethylphenol	9.04	122	146432	56.80	ng		96
28) bis(2-Chloroethoxy)methane	9.16	93	207285	54.39	ng		99
29) 2,4-Dichlorophenol	9.31	162	129666	53.16	ng		97
30) 1,2,4-Trichlorobenzene	9.40	180	139803	50.18	ng		98
31) Naphthalene	9.51	128	493691	51.05	ng		100
32) Benzoic acid	9.36	122	57687	35.62	ng		98
33) 4-Chloroaniline	9.69	127	22248	6.13	ng		96
34) Hexachlorobutadiene	9.72	225	75939	47.34	ng		98
35) Caprolactam	10.28	113	28446m	40.01	ng		
36) 4-Chloro-3-methylphenol	10.51	107	138815	48.96	ng		96
37) 2-Methylnaphthalene	10.63	142	298733	50.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	116645	42.05	ng		100
40) Hexachlorocyclopentadiene	10.89	237	31359	38.02	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	83365	60.93	ng		97
43) 2,4,5-Trichlorophenol	11.21	196	87317	59.71	ng		98
45) 1,1'-Biphenyl	11.40	154	327249	49.16	ng		100
46) 2-Chloronaphthalene	11.42	162	268789	53.86	ng		99
47) 2-Nitroaniline	11.62	65	81915	50.92	ng		94
48) Acenaphthylene	12.07	152	419335	51.01	ng		100
49) Dimethylphthalate	11.97	163	336331	58.14	ng		99
50) 2,6-Dinitrotoluene	12.05	165	66914	58.17	ng		90
51) Acenaphthene	12.35	154	247744	52.18	ng		99
52) 3-Nitroaniline	12.32	138	21572	15.68	ng		93
53) 2,4-Dinitrophenol	12.51	184	29571	63.69	ng		98
54) Dibenzofuran	12.64	168	368096	56.39	ng		100
55) 4-Nitrophenol	12.69	139	56915	80.01	ng	#	69
56) 2,4-Dinitrotoluene	12.70	165	85538	52.87	ng		90
57) Fluorene	13.19	166	278821	49.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.88	232	63513	57.21	ng		97
59) Diethylphthalate	13.11	149	335344	56.05	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	130753	51.11	ng		96
61) 4-Nitroaniline	13.31	138	45135	36.49	ng		98
62) Azobenzene	13.47	77	327389	56.58	ng		92
64) 4,6-Dinitro-2-methylphenol	13.37	198	25089	38.85	ng		86
65) n-Nitrosodiphenylamine	13.44	169	229269	62.41	ng		100
66) 4-Bromophenyl-phenylether	14.01	248	68638	65.25	ng		97
67) Hexachlorobenzene	14.07	284	64307	55.57	ng		98
68) Atrazine	14.35	200	57125	55.70	ng		97
69) Pentachlorophenol	14.42	266	57389	113.98	ng		99
70) Phenanthrene	14.73	178	341150	57.69	ng		99
71) Anthracene	14.81	178	351044	55.36	ng		99
72) Carbazole	15.11	167	293243	55.49	ng		99
73) Di-n-butylphthalate	15.70	149	431831	60.42	ng		99
74) Fluoranthene	16.49	202	322605	53.07	ng		99
76) Benzidine	16.75	184	4604	1.73	ng	#	67
77) Pyrene	16.80	202	328096	42.18	ng		99
79) Butylbenzylphthalate	17.73	149	158539	47.89	ng		100
80) Benzo(a)anthracene	18.38	228	281238	55.63	ng		98
81) 3,3'-Dichlorobenzidine	18.37	252	30938	19.42	ng		96
82) Chrysene	18.42	228	288644	54.42	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	221388	48.30	ng		100
84) Di-n-octyl phthalate	19.25	149	400307	60.69	ng		99
85) Indeno(1,2,3-cd)pyrene	21.23	276	221936	55.11	ng		100
87) Benzo(b)fluoranthene	19.65	252	254635	52.35	ng	#	97
88) Benzo(k)fluoranthene	19.68	252	284469m	57.97	ng		
89) Benzo(a)pyrene	19.99	252	245677	53.95	ng	#	96
90) Dibenzo(a,h)anthracene	21.25	278	192682	45.29	ng		97
91) Benzo(g,h,i)perylene	21.57	276	174175	39.99	ng		98

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

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