Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096644.D
Acq On : 11 Jul 2017 15:08
Operator : SJ/JU
Sample : I4114-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-SANDMSD

Manual Integrations APPROVED
mohammad
7/12/2017 4:49:40 PM

Quant Time: Jul 11 17:38:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103802	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	440057	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	195561	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	344109	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	217285	20.00	ng		-0.01
86) Perylene-d12	15.22	264	190362	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	911502	129.61	ng		0.00
7) Phenol-d6	6.34	99	1118948	129.42	ng		0.00
23) Nitrobenzene-d5	7.25	82	674393	92.09	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	231614	151.62	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	1147293	100.31	ng		-0.01
78) Terphenyl-d14	12.79	244	927812	91.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	115683	34.690	ng	#	72
3) Pyridine	3.06	79	314859	34.411	ng	#	62
4) n-Nitrosodimethylamine	3.00	42	206925	45.818	ng		80
6) Aniline	6.35	93	376723	33.712	ng	#	1
8) 2-Chlorophenol	6.47	128	347037	46.273	ng		95
9) Benzaldehyde	6.23	77	222661	41.150	ng		99
10) Phenol	6.35	94	446485	45.330	ng		83
11) bis(2-Chloroethyl)ether	6.43	93	332184	43.640	ng		91
12) 1,3-Dichlorobenzene	6.63	146	357931	45.517	ng		98
13) 1,4-Dichlorobenzene	6.70	146	362823	46.162	ng		96
14) 1,2-Dichlorobenzene	6.86	146	341300	47.294	ng		98
15) Benzyl Alcohol	6.83	79	285576	49.412	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	698804	45.158	ng		92
17) 2-Methylphenol	6.95	107	283880	47.496	ng		99
18) Hexachloroethane	7.20	117	131387	46.109	ng	#	81
19) n-Nitroso-di-n-propylamine	7.11	70	231931	45.029	ng	#	84
20) 3+4-Methylphenols	7.10	107	333246	49.988	ng		95
22) Acetophenone	7.10	105	452361	47.046	ng	#	95
24) Nitrobenzene	7.27	77	346365	45.085	ng		94
25) Isophorone	7.52	82	635165	44.733	ng	#	93
26) 2-Nitrophenol	7.59	139	197713	48.622	ng	#	86
27) 2,4-Dimethylphenol	7.63	122	302559	43.698	ng		96
28) bis(2-Chloroethoxy)methane	7.72	93	429413	45.814	ng		97
29) 2,4-Dichlorophenol	7.83	162	294811	49.351	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	271338	48.152	ng		97
31) Naphthalene	7.99	128	999240	48.099	ng		100
32) Benzoic acid	7.71	122	20250	3.482	ng		86
33) 4-Chloroaniline	8.04	127	230115	26.667	ng		96
34) Hexachlorobutadiene	8.12	225	141057	48.804	ng		97
35) Caprolactam	8.42	113	102381m	49.701	ng		
36) 4-Chloro-3-methylphenol	8.53	107	311165	47.075	ng		89
37) 2-Methylnaphthalene	8.68	142	686575	51.918	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	234925	46.265	ng		99
40) Hexachlorocyclopentadiene	8.84	237	216830	87.822	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	186297	46.378	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	195738	49.283	ng		98
45) 1,1'-Biphenyl	9.15	154	750660	44.799	ng		98
46) 2-Chloronaphthalene	9.17	162	587215	47.025	ng	#	93
47) 2-Nitroaniline	9.26	65	216701	47.693	ng		94
48) Acenaphthylene	9.59	152	950350	48.030	ng		99
49) Dimethylphthalate	9.46	163	871028	59.664	ng		99
50) 2,6-Dinitrotoluene	9.51	165	159443	49.389	ng	#	85
51) Acenaphthene	9.76	154	547503	44.890	ng		99
52) 3-Nitroaniline	9.67	138	132386	32.878	ng		89
53) 2,4-Dinitrophenol	9.79	184	75080	43.787	ng	#	69
54) Dibenzofuran	9.93	168	806978	50.114	ng		99
55) 4-Nitrophenol	9.85	139	281753	84.423	ng	#	66
56) 2,4-Dinitrotoluene	9.92	165	207530	50.763	ng	#	78
57) Fluorene	10.27	166	594151	52.243	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	150654	54.825	ng		98
59) Diethylphthalate	10.15	149	680358	49.305	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	247344	49.987	ng		94
61) 4-Nitroaniline	10.29	138	186846	51.033	ng		91
62) Azobenzene	10.42	77	649438	48.673	ng		92
64) 4,6-Dinitro-2-methylphenol	10.33	198	98000	41.295	ng	#	73
65) n-Nitrosodiphenylamine	10.38	169	570262	47.232	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	162216	48.426	ng		95
67) Hexachlorobenzene	10.82	284	171977	46.900	ng		95
68) Atrazine	10.91	200	166252	48.198	ng		94
69) Pentachlorophenol	11.02	266	171697	79.003	ng		99
70) Phenanthrene	11.23	178	900024	48.384	ng		98
71) Anthracene	11.27	178	921947	48.637	ng		99
72) Carbazole	11.43	167	902795	47.357	ng		98
73) Di-n-butylphthalate	11.77	149	1056678	45.763	ng		99
74) Fluoranthene	12.41	202	892476	48.935	ng		98
76) Benzidine	12.53	184	399319	38.300	ng	#	92
77) Pyrene	12.63	202	915436	52.488	ng		99
79) Butylbenzylphthalate	13.26	149	445933	50.509	ng	#	80
80) Benzo(a)anthracene	13.82	228	626336	49.778	ng		98
81) 3,3'-Dichlorobenzidine	13.78	252	173247	33.523	ng		97
82) Chrysene	13.86	228	645943	49.022	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	499181	50.652	ng	#	100
84) Di-n-octyl phthalate	14.43	149	936228	48.241	ng		95
85) Indeno(1,2,3-cd)pyrene	16.57	276	590802	56.803	ng		99
87) Benzo(b)fluoranthene	14.83	252	606545	50.850	ng		97
88) Benzo(k)fluoranthene	14.86	252	477845	44.785	ng		96
89) Benzo(a)pyrene	15.17	252	522280	49.044	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	475927	56.808	ng		98
91) Benzo(g,h,i)perylene	16.98	276	517824	59.648	ng		100

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

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