Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
Data File : BF098260.D
Acq On : 2 Sep 2017 21:56
Operator : SJ/JU
Sample : I5026-02MSD 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-17(0-10)COMP

Quant Time: Sep 04 08:22:32 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	102015	20.00	ng		-0.04
21) Naphthalene-d8	7.99	136	357305	20.00	ng		-0.04
38) Acenaphthene-d10	9.75	164	130122	20.00	ng		-0.04
63) Phenanthrene-d10	11.23	188	241518	20.00	ng		-0.04
75) Chrysene-d12	13.86	240	248284	20.00	ng		-0.04
86) Perylene-d12	15.28	264	181161	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	143578	21.41	ng		-0.04
7) Phenol-d6	6.35	99	185423	20.35	ng		-0.04
23) Nitrobenzene-d5	7.27	82	107392	16.33	ng		-0.05
41) 2,4,6-Tribromophenol	10.53	330	19051	16.87	ng		-0.04
44) 2-Fluorobiphenyl	9.07	172	152503	17.22	ng		-0.04
78) Terphenyl-d14	12.81	244	124370	10.45	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	22122	5.914	ng		88
3) Pyridine	3.08	79	54942	5.313	ng		89
4) n-Nitrosodimethylamine	3.00	42	21544	5.415	ng	#	64
6) Aniline	6.37	93	49666	3.880	ng	#	77
8) 2-Chlorophenol	6.49	128	47727	6.748	ng		95
9) Benzaldehyde	6.26	77	16218	2.810	ng		83
10) Phenol	6.36	94	71072	6.669	ng		97
11) bis(2-Chloroethyl)ether	6.45	93	53496	6.650	ng		95
12) 1,3-Dichlorobenzene	6.65	146	48336	6.353	ng	#	96
13) 1,4-Dichlorobenzene	6.73	146	50025	6.465	ng	#	92
14) 1,2-Dichlorobenzene	6.88	146	46371	6.499	ng		98
15) Benzyl Alcohol	6.85	79	46098	6.757	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	67392	6.227	ng		88
17) 2-Methylphenol	6.97	107	40038	6.424	ng		98
18) Hexachloroethane	7.22	117	15830	5.218	ng	#	84
19) n-Nitroso-di-n-propylamine	7.12	70	38934	6.241	ng		89
20) 3+4-Methylphenols	7.13	107	51364	6.747	ng	#	82
22) Acetophenone	7.12	105	71937	7.621	ng	#	85
24) Nitrobenzene	7.29	77	55549	7.585	ng		93
25) Isophorone	7.53	82	96272	7.039	ng	#	93
26) 2-Nitrophenol	7.61	139	17735	11.210	ng	#	78
27) 2,4-Dimethylphenol	7.66	122	38170	6.692	ng		95
28) bis(2-Chloroethoxy)methane	7.75	93	63619	7.076	ng	#	96
29) 2,4-Dichlorophenol	7.86	162	29390	6.207	ng		88
30) 1,2,4-Trichlorobenzene	7.93	180	34603	6.593	ng		98
31) Naphthalene	8.02	128	130243	7.021	ng		98
33) 4-Chloroaniline	8.07	127	34796	4.448	ng		99
34) Hexachlorobutadiene	8.13	225	19768	6.451	ng		99
35) Caprolactam	8.40	113	9605	5.967	ng		91
36) 4-Chloro-3-methylphenol	8.55	107	33640	5.530	ng	#	77
37) 2-Methylnaphthalene	8.70	142	76135	6.695	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	29179	7.307	ng		98
42) 2,4,6-Trichlorophenol	8.99	196	12751	4.756	ng		96
43) 2,4,5-Trichlorophenol	9.03	196	16961	6.377	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.17	154	86760	7.312	ng		95
46) 2-Chloronaphthalene	9.19	162	60261	6.873	ng	#	93
47) 2-Nitroaniline	9.29	65	21204	7.214	ng		96
48) Acenaphthylene	9.60	152	97762	7.101	ng		98
49) Dimethylphthalate	9.47	163	93860	9.868	ng		99
50) 2,6-Dinitrotoluene	9.53	165	12745	6.713	ng	#	67
51) Acenaphthene	9.77	154	62488	7.196	ng		98
52) 3-Nitroaniline	9.70	138	15145	6.183	ng	#	79
54) Dibenzofuran	9.95	168	87857	7.549	ng		98
55) 4-Nitrophenol	9.88	139	6600	3.378	ng	#	30
56) 2,4-Dinitrotoluene	9.94	165	15588	6.542	ng	#	54
57) Fluorene	10.29	166	69679	7.744	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	7252	3.522	ng	#	75
59) Diethylphthalate	10.16	149	72227	7.261	ng		96
60) 4-Chlorophenyl-phenylether	10.29	204	29472	7.051	ng	#	87
61) 4-Nitroaniline	10.30	138	15897	6.828	ng	#	73
62) Azobenzene	10.45	77	77615	6.569	ng		93
65) n-Nitrosodiphenylamine	10.40	169	57222	6.958	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	15875	6.330	ng		98
67) Hexachlorobenzene	10.84	284	15936	6.234	ng	#	84
68) Atrazine	10.93	200	16422	7.529	ng		98
69) Pentachlorophenol	11.04	266	3656	2.453	ng		95
70) Phenanthrene	11.25	178	138558	10.766	ng		97
71) Anthracene	11.30	178	108731	8.330	ng		98
72) Carbazole	11.46	167	94438	7.622	ng		96
73) Di-n-butylphthalate	11.79	149	112051	7.851	ng		98
74) Fluoranthene	12.44	202	221574	16.495	ng		99
76) Benzidine	12.56	184	44584	5.477	ng	#	91
77) Pyrene	12.67	202	217888	10.730	ng		97
79) Butylbenzylphthalate	13.29	149	63115	8.107	ng	#	79
80) Benzo(a)anthracene	13.86	228	146804	9.865	ng		100
81) 3,3'-Dichlorobenzidine	13.82	252	31452	6.264	ng	#	95
82) Chrysene	13.89	228	144402	9.755	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	84387	9.781	ng	#	99
84) Di-n-octyl phthalate	14.46	149	132120	8.801	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.65	276	71985	6.610	ng		95
87) Benzo(b)fluoranthene	14.88	252	129575	11.347	ng	#	95
88) Benzo(k)fluoranthene	14.90	252	92431	8.616	ng		96
89) Benzo(a)pyrene	15.22	252	102153	10.105	ng	#	95
90) Dibenzo(a,h)anthracene	16.66	278	50889	6.183	ng	#	91
91) Benzo(g,h,i)perylene	17.06	276	61211	7.128	ng		94

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

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