Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097571.D
Acq On : 10 Aug 2017 21:23
Operator : SJ/JU
Sample : I4689-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINESMS

Manual Integrations APPROVED

Quant Time: Aug 11 11:57:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

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8/14/2017 6:34:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	104168	20.00	ng		-0.02
21) Naphthalene-d8	7.67	136	461567	20.00	ng		-0.02
38) Acenaphthene-d10	9.42	164	187270	20.00	ng		-0.02
63) Phenanthrene-d10	10.89	188	290402	20.00	ng		-0.02
75) Chrysene-d12	13.52	240	154638	20.00	ng		-0.02
86) Perylene-d12	14.86	264	178490	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	624530	90.38	ng		-0.01
7) Phenol-d6	6.07	99	761684	96.55	ng		-0.01
23) Nitrobenzene-d5	6.97	82	489292	62.19	ng		-0.02
41) 2,4,6-Tribromophenol	10.21	330	134108	90.64	ng		-0.02
44) 2-Fluorobiphenyl	8.75	172	728251	66.00	ng		-0.02
78) Terphenyl-d14	12.47	244	473834	62.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	76099	26.390	ng	#	65
3) Pyridine	2.50	79	235015	26.616	ng	#	65
4) n-Nitrosodimethylamine	2.45	42	142851	29.202	ng		81
6) Aniline	6.06	93	267997	26.997	ng		96
8) 2-Chlorophenol	6.19	128	231254	31.298	ng		94
9) Benzaldehyde	5.95	77	93830	20.095	ng		99
10) Phenol	6.09	94	328127	35.067	ng		99
11) bis(2-Chloroethyl)ether	6.14	93	218595	29.537	ng		90
12) 1,3-Dichlorobenzene	6.33	146	217587	27.326	ng		97
13) 1,4-Dichlorobenzene	6.41	146	220520	27.945	ng		96
14) 1,2-Dichlorobenzene	6.56	146	200588	29.113	ng		98
15) Benzyl Alcohol	6.56	79	187876	37.617	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.69	45	441125	29.718	ng		95
17) 2-Methylphenol	6.69	107	171297	30.039	ng	#	89
18) Hexachloroethane	6.89	117	69571	24.099	ng	#	81
19) n-Nitroso-di-n-propylamine	6.83	70	148374	28.574	ng	#	78
20) 3+4-Methylphenols	6.86	107	227613	30.560	ng	#	62
22) Acetophenone	6.82	105	288149	25.996	ng	#	98
24) Nitrobenzene	6.99	77	259059	31.614	ng		96
25) Isophorone	7.23	82	448105	29.082	ng		96
26) 2-Nitrophenol	7.30	139	132992	29.999	ng	#	82
27) 2,4-Dimethylphenol	7.37	122	219639	30.034	ng		97
28) bis(2-Chloroethoxy)methane	7.45	93	304151	30.248	ng		99
29) 2,4-Dichlorophenol	7.57	162	199757	31.707	ng		97
30) 1,2,4-Trichlorobenzene	7.62	180	169420	28.213	ng		98
31) Naphthalene	7.70	128	658702	30.274	ng		99
33) 4-Chloroaniline	7.77	127	207407	23.427	ng		97
34) Hexachlorobutadiene	7.82	225	84269	26.470	ng		94
35) Caprolactam	8.15	113	54684	27.069	ng	#	47
36) 4-Chloro-3-methylphenol	8.28	107	207508	30.191	ng		90
37) 2-Methylnaphthalene	8.39	142	425419	30.881	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	152630	30.545	ng		99
40) Hexachlorocyclopentadiene	8.54	237	21314	17.784	ng		94
42) 2,4,6-Trichlorophenol	8.69	196	104512	28.862	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.74	196	100109	27.621	ng		97
45) 1,1'-Biphenyl	8.85	154	476725	29.804	ng		97
46) 2-Chloronaphthalene	8.87	162	369460	31.388	ng		94
47) 2-Nitroaniline	8.99	65	145801	34.131	ng		94
48) Acenaphthylene	9.28	152	557539	30.859	ng		99
49) Dimethylphthalate	9.17	163	574178	40.375	ng		99
50) 2,6-Dinitrotoluene	9.23	165	91652	30.387	ng	#	74
51) Acenaphthene	9.45	154	325246	30.562	ng		97
52) 3-Nitroaniline	9.40	138	100966	26.969	ng		92
54) Dibenzofuran	9.63	168	460672	32.498	ng		96
55) 4-Nitrophenol	9.62	139	31445m	14.124	ng		
56) 2,4-Dinitrotoluene	9.65	165	121457	35.029	ng	#	79
57) Fluorene	9.97	166	364383	34.201	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.76	232	77946	31.147	ng	#	96
59) Diethylphthalate	9.86	149	425490	32.613	ng		99
60) 4-Chlorophenyl-phenylether	9.96	204	146915	33.393	ng		97
61) 4-Nitroaniline	10.02	138	101584	28.556	ng		91
62) Azobenzene	10.12	77	423354	34.978	ng		93
64) 4,6-Dinitro-2-methylphenol	10.07	198	12503	6.929	ng	#	75
65) n-Nitrosodiphenylamine	10.09	169	333771	33.033	ng		98
66) 4-Bromophenyl-phenylether	10.45	248	94529	32.617	ng		96
67) Hexachlorobenzene	10.52	284	97741	30.075	ng	#	86
68) Atrazine	10.63	200	94979	32.781	ng		93
69) Pentachlorophenol	10.73	266	31334	23.302	ng		99
70) Phenanthrene	10.92	178	489967	31.489	ng		99
71) Anthracene	10.97	178	508305	31.895	ng		98
72) Carbazole	11.14	167	470097	29.993	ng		98
73) Di-n-butylphthalate	11.47	149	611617	31.569	ng		98
74) Fluoranthene	12.10	202	416801	27.343	ng		99
76) Benzidine	12.23	184	209159	36.453	ng	#	94
77) Pyrene	12.32	202	409099	32.315	ng		99
79) Butylbenzylphthalate	12.96	149	202029	31.373	ng	#	82
80) Benzo(a)anthracene	13.51	228	284187	28.402	ng		99
81) 3,3'-Dichlorobenzidine	13.48	252	99792	26.448	ng	#	97
82) Chrysene	13.54	228	289916	29.673	ng		99
83) Bis(2-ethylhexyl)phthalate	13.52	149	249287	29.649	ng		98
84) Di-n-octyl phthalate	14.13	149	429366	27.827	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.04	276	303478	36.224	ng		98
87) Benzo(b)fluoranthene	14.52	252	325977	30.382	ng		99
88) Benzo(k)fluoranthene	14.54	252	263026m	25.726	ng		
89) Benzo(a)pyrene	14.81	252	301317	30.685	ng		97
90) Dibenzo(a,h)anthracene	16.04	278	255679	31.751	ng		95
91) Benzo(g,h,i)perylene	16.39	276	250064	29.612	ng		99

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

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