Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097568.D
Acq On : 10 Aug 2017 19:59
Operator : SJ/JU
Sample : I4631-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VE-4-11MS

Manual Integrations APPROVED

Quant Time: Aug 11 11:53:36 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 6:33:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	107776	20.00	ng		-0.02
21) Naphthalene-d8	7.67	136	451885	20.00	ng		-0.02
38) Acenaphthene-d10	9.42	164	175333	20.00	ng		-0.02
63) Phenanthrene-d10	10.90	188	186619	20.00	ng		-0.02
75) Chrysene-d12	13.53	240	141388	20.00	ng		0.00
86) Perylene-d12	14.87	264	181013	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	472216	66.05	ng		-0.02
7) Phenol-d6	6.07	99	353974	43.37	ng		-0.01
23) Nitrobenzene-d5	6.97	82	619114	80.37	ng		-0.02
41) 2,4,6-Tribromophenol	10.22	330	152806	110.31	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	897067	86.83	ng		-0.02
78) Terphenyl-d14	12.49	244	420258	60.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	41280	13.836	ng	#	75
3) Pyridine	2.56	79	32144	3.518	ng	#	63
4) n-Nitrosodimethylamine	2.45	42	69761	13.783	ng	#	74
6) Aniline	6.06	93	88848	8.651	ng		99
8) 2-Chlorophenol	6.19	128	274759	35.941	ng		93
9) Benzaldehyde	5.94	77	164372	34.024	ng		98
10) Phenol	6.09	94	142262	14.695	ng		91
11) bis(2-Chloroethyl)ether	6.14	93	301777	39.412	ng		89
12) 1,3-Dichlorobenzene	6.33	146	287437	34.890	ng		97
13) 1,4-Dichlorobenzene	6.41	146	296139	36.272	ng		96
14) 1,2-Dichlorobenzene	6.56	146	266675	37.409	ng		97
15) Benzyl Alcohol	6.56	79	146801	28.409	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.69	45	683332	44.494	ng		92
17) 2-Methylphenol	6.70	107	194484	32.963	ng		97
18) Hexachloroethane	6.89	117	100117	33.519	ng	#	77
19) n-Nitroso-di-n-propylamine	6.83	70	236905	44.097	ng	#	82
20) 3+4-Methylphenols	6.86	107	233970	30.362	ng	#	60
22) Acetophenone	6.82	105	448559	41.335	ng	#	99
24) Nitrobenzene	6.99	77	338179	42.154	ng		92
25) Isophorone	7.23	82	589620	39.086	ng		97
26) 2-Nitrophenol	7.30	139	178682	41.168	ng	#	82
27) 2,4-Dimethylphenol	7.37	122	260804	36.427	ng		98
28) bis(2-Chloroethoxy)methane	7.45	93	401393	40.774	ng		99
29) 2,4-Dichlorophenol	7.57	162	256937	41.657	ng		96
30) 1,2,4-Trichlorobenzene	7.63	180	217141	36.934	ng		95
31) Naphthalene	7.70	128	849157	39.864	ng		100
32) Benzoic acid	7.53	122	61715	11.544	ng		96
33) 4-Chloroaniline	7.77	127	127511	14.711	ng		97
34) Hexachlorobutadiene	7.82	225	109903	35.262	ng		98
35) Caprolactam	8.19	113	12923m	6.534	ng		
36) 4-Chloro-3-methylphenol	8.27	107	239459	35.586	ng		89
37) 2-Methylnaphthalene	8.39	142	561641	41.643	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	202058	43.190	ng		99
40) Hexachlorocyclopentadiene	8.54	237	42340	30.340	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	142218	41.949	ng		96
43) 2,4,5-Trichlorophenol	8.74	196	132911	39.168	ng		99
45) 1,1'-Biphenyl	8.86	154	628741	41.984	ng		98
46) 2-Chloronaphthalene	8.87	162	484392	43.954	ng	#	92
47) 2-Nitroaniline	8.99	65	176194	44.054	ng		96
48) Acenaphthylene	9.29	152	719219	42.518	ng		99
49) Dimethylphthalate	9.17	163	599290	45.010	ng		99
50) 2,6-Dinitrotoluene	9.24	165	117361	41.560	ng	#	82
51) Acenaphthene	9.46	154	423639	42.517	ng		97
52) 3-Nitroaniline	9.41	138	65718	18.749	ng	#	92
53) 2,4-Dinitrophenol	9.54	184	45003	35.050	ng	#	76
54) Dibenzofuran	9.63	168	635803	47.906	ng		98
55) 4-Nitrophenol	9.66	139	39494m	18.947	ng		
56) 2,4-Dinitrotoluene	9.65	165	154913	47.719	ng	#	73
57) Fluorene	9.97	166	426487	42.756	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.77	232	105677	45.103	ng		94
59) Diethylphthalate	9.86	149	520035	42.573	ng		99
60) 4-Chlorophenyl-phenylether	9.96	204	185903	45.132	ng		100
61) 4-Nitroaniline	10.02	138	57803	17.355	ng		97
62) Azobenzene	10.13	77	523085	46.160	ng		92
64) 4,6-Dinitro-2-methylphenol	10.06	198	38382	33.098	ng		92
65) n-Nitrosodiphenylamine	10.09	169	400458	61.673	ng		96
66) 4-Bromophenyl-phenylether	10.45	248	118086	63.405	ng		99
67) Hexachlorobenzene	10.52	284	118935	56.948	ng	#	91
68) Atrazine	10.66	200	65020	34.920	ng		97
69) Pentachlorophenol	10.73	266	67297m	77.879	ng		
70) Phenanthrene	10.92	178	460864	46.090	ng		99
71) Anthracene	10.97	178	465424	45.446	ng		99
72) Carbazole	11.15	167	382527	37.979	ng		99
73) Di-n-butylphthalate	11.48	149	525880	42.239	ng		99
74) Fluoranthene	12.11	202	400554	40.891	ng		98
77) Pyrene	12.33	202	453239	39.157	ng		99
79) Butylbenzylphthalate	12.97	149	244383	41.506	ng	#	71
80) Benzo(a)anthracene	13.53	228	391168	42.758	ng		99
82) Chrysene	13.56	228	385583	43.163	ng		99
83) Bis(2-ethylhexyl)phthalate	13.53	149	279807	36.397	ng		99
84) Di-n-octyl phthalate	14.14	149	595294	42.196	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.07	276	409003	53.395	ng		99
87) Benzo(b)fluoranthene	14.53	252	444231	40.826	ng		98
88) Benzo(k)fluoranthene	14.55	252	413237	39.854	ng		96
89) Benzo(a)pyrene	14.83	252	433824	43.563	ng		99
90) Dibenzo(a,h)anthracene	16.07	278	345061	42.253	ng		96
91) Benzo(g,h,i)perylene	16.42	276	325301	37.985	ng		99

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

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