Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112569.D
Acq On : 14 Feb 2019 15:52
Operator : JU/SJ
Sample : K1350-05MSD 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-021319-AMSD

Manual Integrations APPROVED

Quant Time: Feb 15 06:33:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

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2/15/2019 4:53:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	85477	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	324157	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	150484	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	292974	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	258722	20.00	ng		0.00
87) Perylene-d12	15.49	264	185730	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	130350	32.39	ng		-0.01
7) Phenol-d6	6.48	99	163695	29.27	ng		-0.01
23) Nitrobenzene-d5	7.39	82	99251	17.64	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	46785	26.71	ng		-0.02
45) 2-Fluorobiphenyl	9.18	172	205807	19.34	ng		-0.02
79) Terphenyl-d14	12.94	244	237373	17.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	14442	9.009	ng	#	91
3) Pyridine	3.36	79	31229	7.658	ng		94
4) n-Nitrosodimethylamine	3.28	42	16842m	9.830	ng		
6) Aniline	6.50	93	27641	4.155	ng	#	20
8) 2-Chlorophenol	6.63	128	51195	9.457	ng		98
9) Benzaldehyde	6.39	77	15920	5.447	ng		93
10) Phenol	6.49	94	68943	11.238	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	46394	9.606	ng		99
12) 1,3-Dichlorobenzene	6.77	146	57843	9.175	ng		99
13) 1,4-Dichlorobenzene	6.85	146	58760	9.056	ng		98
14) 1,2-Dichlorobenzene	7.00	146	56954	9.375	ng		97
15) Benzyl Alcohol	6.98	79	42445	9.004	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.10	45	54311	8.758	ng	#	16
17) 2-Methylphenol	7.10	107	37815	8.812	ng	#	86
18) Hexachloroethane	7.34	117	19178	8.417	ng		90
19) n-Nitroso-di-n-propylamine	7.23	70	35744	9.270	ng		97
20) 3+4-Methylphenols	7.26	107	52769	9.616	ng	#	62
22) Acetophenone	7.24	105	74941	9.494	ng		93
24) Nitrobenzene	7.41	77	47687	8.487	ng		97
25) Isophorone	7.65	82	90385	10.241	ng		98
26) 2-Nitrophenol	7.73	139	21597	7.193	ng	#	85
27) 2,4-Dimethylphenol	7.77	122	42739	10.331	ng		92
28) bis(2-Chloroethoxy)methane	7.86	93	57192	9.517	ng		100
29) 2,4-Dichlorophenol	8.00	162	41487	8.961	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	46599	8.757	ng		99
31) Naphthalene	8.13	128	152335	10.049	ng		98
32) Benzoic acid	7.90	122	8309	3.521	ng		93
33) 4-Chloroaniline	8.20	127	29720	4.503	ng		98
34) Hexachlorobutadiene	8.25	225	27237	8.722	ng		96
35) Caprolactam	8.53	113	12693	7.772	ng		90
36) 4-Chloro-3-methylphenol	8.69	107	41098	8.386	ng		99
37) 2-Methylnaphthalene	8.83	142	104898	10.108	ng		95
38) 1-Methylnaphthalene	8.93	142	97285	9.781	ng		95
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	45148	9.138	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	28208	9.262	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	27691	8.699	ng	#	90
46) 1,1'-Biphenyl	9.29	154	124767	9.484	ng		98
47) 2-Chloronaphthalene	9.32	162	91354	8.955	ng		96
48) 2-Nitroaniline	9.42	65	25838	9.292	ng	#	79
49) Acenaphthylene	9.73	152	145355	9.721	ng		99
50) Dimethylphthalate	9.58	163	122042	10.438	ng		98
51) 2,6-Dinitrotoluene	9.65	165	21123	8.067	ng	#	66
52) Acenaphthene	9.90	154	83354	9.332	ng		99
53) 3-Nitroaniline	9.83	138	21249	7.490	ng		97
55) Dibenzofuran	10.07	168	126659	9.279	ng		93
56) 4-Nitrophenol	10.04	139	15456	10.305	ng		87
57) 2,4-Dinitrotoluene	10.07	165	26669	8.000	ng	#	62
58) Fluorene	10.42	166	101377	9.924	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	22863	9.505	ng	#	99
60) Diethylphthalate	10.27	149	113622	9.793	ng		96
61) 4-Chlorophenyl-phenylether	10.40	204	49697	8.944	ng		94
62) 4-Nitroaniline	10.45	138	21437	7.704	ng		91
63) Azobenzene	10.56	77	90954	8.913	ng		100
65) 4,6-Dinitro-2-methylphenol	10.52	198	250	0.152	ng	#	1
66) n-Nitrosodiphenylamine	10.52	169	92105	9.328	ng		97
67) 4-Bromophenyl-phenylether	10.89	248	28610	8.303	ng		94
68) Hexachlorobenzene	10.97	284	31690	8.572	ng		98
69) Atrazine	11.05	200	30559	9.591	ng		97
70) Pentachlorophenol	11.18	266	17874	12.425	ng		94
71) Phenanthrene	11.38	178	153368	10.069	ng		97
72) Anthracene	11.43	178	153859	10.141	ng		98
73) Carbazole	11.59	167	138258	9.238	ng		97
74) Di-n-butylphthalate	11.90	149	190594	10.260	ng		98
75) Fluoranthene	12.57	202	170073	10.411	ng		97
77) Benzidine	12.69	184	75801	10.645	ng		95
78) Pyrene	12.81	202	173086	9.663	ng		97
80) Butylbenzylphthalate	13.40	149	83808	9.670	ng		94
81) Benzo(a)anthracene	14.00	228	147530	9.700	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	41787	7.341	ng		99
83) Chrysene	14.03	228	139091	9.581	ng		96
84) Bis(2-ethylhexyl)phthalate	13.96	149	133995	10.892	ng		97
85) Di-n-octyl phthalate	14.57	149	208371	11.009	ng	#	93
86) Indeno(1,2,3-cd)pyrene	16.98	276	93258	8.107	ng		95
88) Benzo(b)fluoranthene	15.05	252	114745	10.330	ng		95
89) Benzo(k)fluoranthene	15.08	252	106314	9.992	ng		98
90) Benzo(a)pyrene	15.43	252	97125	9.718	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	83465	10.362	ng		100
92) Benzo(g,h,i)perylene	17.44	276	78118	10.279	ng		96

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

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