Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
Data File : BF089338.D
Acq On : 27 Jul 2016 19:48
Operator : UM/SJ
Sample : H4176-13MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-6.5-7.5MS

Manual Integrations APPROVED
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7/28/2016 4:56:21 PM

Quant Time: Jul 28 01:17:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	44089	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	188917	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	92617	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	176583	20.00	ng		0.00
75) Chrysene-d12	13.67	240	126226	20.00	ng		0.00
86) Perylene-d12	15.01	264	103184	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	431439	156.25	ng		0.02
7) Phenol-d6	6.22	99	582851	159.73	ng		0.01
23) Nitrobenzene-d5	7.12	82	359095	112.20	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	114413	149.16	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	672157	106.51	ng		0.00
78) Terphenyl-d14	12.63	244	548993	101.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	49698	39.70	ng	#	91
3) Pyridine	2.63	79	130265	48.22	ng		99
4) n-Nitrosodimethylamine	2.60	42	54720	49.00	ng		91
6) Aniline	6.22	93	108244	27.47	ng	#	30
8) 2-Chlorophenol	6.33	128	163860	52.46	ng		92
9) Benzaldehyde	6.09	77	21971	12.33	ng		92
10) Phenol	6.23	94	210197	52.20	ng		82
11) bis(2-Chloroethyl)ether	6.30	93	163429	47.77	ng		96
12) 1,3-Dichlorobenzene	6.48	146	162832	49.84	ng		99
13) 1,4-Dichlorobenzene	6.56	146	178123	49.40	ng		99
14) 1,2-Dichlorobenzene	6.72	146	155444	46.02	ng		99
15) Benzyl Alcohol	6.71	79	137856	60.87	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	182817	48.99	ng		85
17) 2-Methylphenol	6.83	107	127824	52.95	ng		96
18) Hexachloroethane	7.05	117	66647	48.21	ng		97
19) n-Nitroso-di-n-propylamine	6.98	70	123198	55.99	ng		92
20) 3+4-Methylphenols	6.99	107	164401	53.03	ng		86
22) Acetophenone	6.97	105	241531	53.70	ng		98
24) Nitrobenzene	7.14	77	173051	47.51	ng		98
25) Isophorone	7.38	82	333666	51.75	ng		100
26) 2-Nitrophenol	7.46	139	84076	51.62	ng		96
27) 2,4-Dimethylphenol	7.51	122	131821	50.81	ng		98
28) bis(2-Chloroethoxy)methane	7.60	93	200705	56.24	ng		99
29) 2,4-Dichlorophenol	7.70	162	137421	58.13	ng		98
30) 1,2,4-Trichlorobenzene	7.78	180	141574	52.49	ng		99
31) Naphthalene	7.85	128	492817	52.68	ng		100
32) Benzoic acid	7.63	122	15221	8.42	ng		94
33) 4-Chloroaniline	7.92	127	52652	14.78	ng		96
34) Hexachlorobutadiene	7.98	225	78413	50.76	ng		99
35) Caprolactam	8.30	113	38501m	53.96	ng		
36) 4-Chloro-3-methylphenol	8.42	107	160987	57.30	ng		99
37) 2-Methylnaphthalene	8.55	142	308235	54.68	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	128240	39.57	ng		99
40) Hexachlorocyclopentadiene	8.70	237	98916	104.05	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	83936	54.47	ng		98
43) 2,4,5-Trichlorophenol	8.88	196	94773	48.55	ng	#	89
45) 1,1'-Biphenyl	9.02	154	367525	46.61	ng		95
46) 2-Chloronaphthalene	9.03	162	284025	47.96	ng		99
47) 2-Nitroaniline	9.14	65	97735	55.73	ng		97
48) Acenaphthylene	9.44	152	466804	50.04	ng		99
49) Dimethylphthalate	9.32	163	490255	69.55	ng		99
50) 2,6-Dinitrotoluene	9.38	165	71904	49.65	ng	#	67
51) Acenaphthene	9.61	154	272224	49.97	ng		99
52) 3-Nitroaniline	9.55	138	41931	27.43	ng		93
53) 2,4-Dinitrophenol	9.67	184	23879	46.65	ng		98
54) Dibenzofuran	9.78	168	399885	53.87	ng		98
55) 4-Nitrophenol	9.75	139	79563m	104.81	ng		
56) 2,4-Dinitrotoluene	9.79	165	109149	57.25	ng	#	63
57) Fluorene	10.12	166	339682	52.42	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	76035	58.34	ng	#	95
59) Diethylphthalate	10.02	149	384954	53.87	ng		97
60) 4-Chlorophenyl-phenylether	10.12	204	144535	48.63	ng		100
61) 4-Nitroaniline	10.17	138	77178	48.99	ng		92
62) Azobenzene	10.28	77	393837	53.51	ng		84
64) 4,6-Dinitro-2-methylphenol	10.20	198	43887	41.80	ng		89
65) n-Nitrosodiphenylamine	10.25	169	289537	52.55	ng		100
66) 4-Bromophenyl-phenylether	10.60	248	88618	52.56	ng	#	90
67) Hexachlorobenzene	10.66	284	84346	48.82	ng		92
68) Atrazine	10.78	200	81313	48.04	ng		97
69) Pentachlorophenol	10.87	266	81762	96.34	ng		98
70) Phenanthrene	11.07	178	464482	51.00	ng		99
71) Anthracene	11.13	178	505497	49.92	ng		100
72) Carbazole	11.29	167	468645	54.98	ng		99
73) Di-n-butylphthalate	11.63	149	559346	48.91	ng	#	97
74) Fluoranthene	12.25	202	488798	51.02	ng		97
76) Benzidine	12.39	184	160312	34.37	ng		97
77) Pyrene	12.48	202	501290	52.40	ng		100
79) Butylbenzylphthalate	13.11	149	232839	53.53	ng		93
80) Benzo(a)anthracene	13.66	228	367485	51.59	ng		100
81) 3,3'-Dichlorobenzidine	13.63	252	63825	24.90	ng		98
82) Chrysene	13.70	228	369593	48.74	ng		99
83) Bis(2-ethylhexyl)phthalate	13.67	149	324412	51.60	ng		99
84) Di-n-octyl phthalate	14.29	149	544528	55.50	ng		100
85) Indeno(1,2,3-cd)pyrene	16.21	276	287873	53.40	ng		99
87) Benzo(b)fluoranthene	14.65	252	286896m	44.77	ng		
88) Benzo(k)fluoranthene	14.69	252	335161m	56.89	ng		
89) Benzo(a)pyrene	14.96	252	297859	51.82	ng	#	94
90) Dibenzo(a,h)anthracene	16.22	278	239827	52.96	ng		97
91) Benzo(g,h,i)perylene	16.56	276	231370	51.98	ng		99

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

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