Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061016\
Data File : BF087882.D
Acq On : 10 Jun 2016 18:52
Operator : UM/SJ
Sample : H3356-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B2(0-10)CMSD

Manual Integrations APPROVED
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6/13/2016 7:11:11 PM

Quant Time: Jun 11 02:06:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120204	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	512039	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	221706	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	328626	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	225223	20.00	ng		-0.03
86) Perylene-d12	15.36	264	205444	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	597464	84.97	ng		-0.01
7) Phenol-d6	6.46	99	769386	90.29	ng		-0.02
23) Nitrobenzene-d5	7.38	82	453702	51.74	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	174220	74.42	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	741684	50.29	ng		-0.03
78) Terphenyl-d14	12.91	244	696357	70.36	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	72592	21.25	ng	#	24
3) Pyridine	3.14	79	199773	24.76	ng		95
4) n-Nitrosodimethylamine	3.07	42	94493	27.66	ng		90
6) Aniline	6.48	93	193794	15.98	ng		99
8) 2-Chlorophenol	6.59	128	220384	26.48	ng		97
9) Benzaldehyde	6.35	77	17123	2.83	ng		95
10) Phenol	6.47	94	327982	36.83	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	211682	28.33	ng		95
12) 1,3-Dichlorobenzene	6.75	146	239575	26.83	ng		97
13) 1,4-Dichlorobenzene	6.83	146	254093	28.25	ng		97
14) 1,2-Dichlorobenzene	6.98	146	222009m	27.14	ng		
15) Benzyl Alcohol	6.96	79	194734	29.21	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	273271	27.07	ng		96
17) 2-Methylphenol	7.07	107	180031	26.67	ng		99
18) Hexachloroethane	7.32	117	73827	23.13	ng	#	86
19) n-Nitroso-di-n-propylamine	7.23	70	142419	26.13	ng		92
20) 3+4-Methylphenols	7.23	107	238922	30.34	ng		95
22) Acetophenone	7.22	105	298832	26.12	ng	#	88
24) Nitrobenzene	7.40	77	222315	26.17	ng		90
25) Isophorone	7.64	82	398776	24.55	ng	#	94
26) 2-Nitrophenol	7.71	139	109085	23.97	ng		96
27) 2,4-Dimethylphenol	7.76	122	201040	24.00	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	248964	24.71	ng		99
29) 2,4-Dichlorophenol	7.96	162	203609	29.11	ng		91
30) 1,2,4-Trichlorobenzene	8.04	180	213265	28.00	ng		99
31) Naphthalene	8.12	128	725283	28.62	ng		99
32) Benzoic acid	7.82	122	9658	2.09	ng		94
33) 4-Chloroaniline	8.17	127	115488	10.21	ng		97
34) Hexachlorobutadiene	8.24	225	107186	26.69	ng		97
35) Caprolactam	8.52	113	69163	29.85	ng		95
36) 4-Chloro-3-methylphenol	8.66	107	206378	27.59	ng		88
37) 2-Methylnaphthalene	8.81	142	409640m	24.53	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	191325	29.62	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	27810	7.78	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	125132	28.22	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	127005	27.53	ng	#	87
45) 1,1'-Biphenyl	9.28	154	529713	29.72	ng		96
46) 2-Chloronaphthalene	9.30	162	411449	28.68	ng		94
47) 2-Nitroaniline	9.39	65	124180	29.34	ng		89
48) Acenaphthylene	9.71	152	627450	27.50	ng		99
49) Dimethylphthalate	9.58	163	630965	39.29	ng		99
50) 2,6-Dinitrotoluene	9.63	165	101066	27.48	ng	#	54
51) Acenaphthene	9.88	154	375798	26.40	ng		99
52) 3-Nitroaniline	9.80	138	107111	25.24	ng		83
53) 2,4-Dinitrophenol	9.91	184	18922	14.13	ng	#	84
54) Dibenzofuran	10.06	168	574574	29.31	ng		95
55) 4-Nitrophenol	9.96	139	171316	52.01	ng		92
56) 2,4-Dinitrotoluene	10.04	165	138190	29.24	ng	#	89
57) Fluorene	10.40	166	450420	32.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	103690	28.60	ng	#	52
59) Diethylphthalate	10.27	149	493139	30.34	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	179507	27.53	ng		94
61) 4-Nitroaniline	10.41	138	98358	24.43	ng		95
62) Azobenzene	10.55	77	453341	28.20	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	26512	14.50	ng	#	61
65) n-Nitrosodiphenylamine	10.51	169	426154	39.08	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	127573	36.19	ng		92
67) Hexachlorobenzene	10.95	284	125024	34.13	ng	#	71
68) Atrazine	11.04	200	131443	39.81	ng		96
69) Pentachlorophenol	11.13	266	138473	71.71	ng		95
70) Phenanthrene	11.35	178	612359	35.51	ng		100
71) Anthracene	11.40	178	619847	35.63	ng		99
72) Carbazole	11.55	167	585408	35.96	ng		99
73) Di-n-butylphthalate	11.90	149	796661	38.66	ng		99
74) Fluoranthene	12.54	202	611029	33.58	ng		99
76) Benzidine	12.66	184	249691	40.04	ng		97
77) Pyrene	12.77	202	681053	40.75	ng		99
79) Butylbenzylphthalate	13.38	149	269083	36.42	ng	#	82
80) Benzo(a)anthracene	13.94	228	508541	39.62	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	131816	38.19	ng	#	95
82) Chrysene	13.99	228	505784	41.89	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	404895	45.01	ng		99
84) Di-n-octyl phthalate	14.56	149	713424	48.81	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	432281	38.53	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	591023m	41.27	ng		
88) Benzo(k)fluoranthene	14.99	252	363857m	33.69	ng		
89) Benzo(a)pyrene	15.30	252	418964	36.16	ng		100
90) Dibenzo(a,h)anthracene	16.74	278	360608	33.51	ng		100
91) Benzo(g,h,i)perylene	17.13	276	349665	31.59	ng		98

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

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