Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
Data File : BF088156.D
Acq On : 19 Jun 2016 2:20
Operator : UM/SJ
Sample : H3611-13MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-UP1-COMPMSD

Manual Integrations APPROVED
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6/20/2016 6:57:15 PM

Quant Time: Jun 20 15:10:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	93124	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	355539	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	140104	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	219689	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	148185	20.00	ng		-0.02
86) Perylene-d12	15.21	264	119151	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	680346	124.90	ng		0.02
7) Phenol-d6	6.35	99	791274	119.86	ng		0.00
23) Nitrobenzene-d5	7.26	82	502165	82.48	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	147485	99.70	ng		-0.01
44) 2-Fluorobiphenyl	9.05	172	884485	100.16	ng		-0.02
78) Terphenyl-d14	12.79	244	688132	105.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	95195m	35.97	ng		
3) Pyridine	3.23	79	12646m	2.02	ng		
4) n-Nitrosodimethylamine	2.97	42	108874	41.13	ng		86
6) Aniline	6.36	93	45914	4.89	ng	#	1
8) 2-Chlorophenol	6.48	128	295934	45.90	ng		91
9) Benzaldehyde	6.24	77	13178	2.82	ng		96
10) Phenol	6.36	94	334865	49.37	ng		95
11) bis(2-Chloroethyl)ether	6.43	93	264040	45.61	ng		87
12) 1,3-Dichlorobenzene	6.63	146	281600m	40.71	ng		
13) 1,4-Dichlorobenzene	6.71	146	282453	40.53	ng		96
14) 1,2-Dichlorobenzene	6.86	146	262928	41.49	ng		95
15) Benzyl Alcohol	6.84	79	97165	18.81	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.97	45	304714	38.96	ng	#	2
17) 2-Methylphenol	6.97	107	222894	42.63	ng	#	91
18) Hexachloroethane	7.20	117	89214	36.08	ng		97
19) n-Nitroso-di-n-propylamine	7.11	70	176521	41.80	ng	#	88
20) 3+4-Methylphenols	7.12	107	283270	46.43	ng	#	81
22) Acetophenone	7.11	105	389957	49.08	ng		98
24) Nitrobenzene	7.28	77	283999	48.15	ng		99
25) Isophorone	7.52	82	506836	44.94	ng		99
26) 2-Nitrophenol	7.60	139	121005	38.30	ng	#	73
27) 2,4-Dimethylphenol	7.64	122	237383	40.81	ng		92
28) bis(2-Chloroethoxy)methane	7.74	93	266520	38.10	ng		98
29) 2,4-Dichlorophenol	7.85	162	213832	44.03	ng		91
30) 1,2,4-Trichlorobenzene	7.92	180	233728	44.20	ng		99
31) Naphthalene	8.00	128	874082	49.68	ng		99
32) Benzoic acid	7.78	122	113897	35.56	ng		95
33) 4-Chloroaniline	8.06	127	32271	4.11	ng		97
34) Hexachlorobutadiene	8.11	225	123611	44.32	ng		98
35) Caprolactam	8.43	113	54867	34.11	ng	#	73
36) 4-Chloro-3-methylphenol	8.56	107	209075	40.25	ng		89
37) 2-Methylnaphthalene	8.68	142	483878m	41.73	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	208727	70.76	ng	#	1
40) Hexachlorocyclopentadiene	8.83	237	25086	11.10	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	130122	46.44	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	132535	45.47	ng		99
45) 1,1'-Biphenyl	9.15	154	587892	57.65	ng		98
46) 2-Chloronaphthalene	9.18	162	437948	48.31	ng		97
47) 2-Nitroaniline	9.28	65	125404	46.89	ng		87
48) Acenaphthylene	9.59	152	657112	45.57	ng		99
49) Dimethylphthalate	9.46	163	553170	54.51	ng		99
50) 2,6-Dinitrotoluene	9.52	165	100174	43.10	ng	#	72
51) Acenaphthene	9.76	154	397028	44.13	ng		98
52) 3-Nitroaniline	9.69	138	60547	22.58	ng	#	76
53) 2,4-Dinitrophenol	9.80	184	15472	17.22	ng	#	85
54) Dibenzofuran	9.93	168	572108	46.18	ng		93
55) 4-Nitrophenol	9.87	139	100856	48.45	ng		88
56) 2,4-Dinitrotoluene	9.92	165	97545	32.66	ng	#	44
57) Fluorene	10.27	166	449992	54.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	98817	43.14	ng	#	56
59) Diethylphthalate	10.16	149	517387	50.36	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	174101	42.26	ng		92
61) 4-Nitroaniline	10.30	138	78204	30.74	ng		96
62) Azobenzene	10.42	77	367372	36.16	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	14353	12.16	ng		89
65) n-Nitrosodiphenylamine	10.39	169	197064	27.03	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	122503	51.98	ng		97
67) Hexachlorobenzene	10.82	284	115733	47.26	ng	#	71
68) Atrazine	10.91	200	14432	6.54	ng		97
69) Pentachlorophenol	11.02	266	87981	68.16	ng		96
70) Phenanthrene	11.22	178	547104	47.46	ng		99
71) Anthracene	11.28	178	569847	49.00	ng		99
72) Carbazole	11.44	167	332550	30.56	ng		97
73) Di-n-butylphthalate	11.77	149	673097	48.86	ng		99
74) Fluoranthene	12.41	202	564253	46.38	ng		98
77) Pyrene	12.64	202	568827	51.73	ng		99
79) Butylbenzylphthalate	13.26	149	260769	53.64	ng	#	82
80) Benzo(a)anthracene	13.82	228	427435	50.62	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	11342	4.99	ng	#	93
82) Chrysene	13.86	228	463520	58.34	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	350622	59.25	ng	#	97
84) Di-n-octyl phthalate	14.43	149	682312	70.95	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.51	276	348818	47.26	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	435643m	52.46	ng		
88) Benzo(k)fluoranthene	14.86	252	348036m	55.56	ng		
89) Benzo(a)pyrene	15.15	252	352526	52.47	ng		100
90) Dibenzo(a,h)anthracene	16.53	278	302968	48.55	ng		98
91) Benzo(g,h,i)perylene	16.90	276	288941	45.01	ng		98

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

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