Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
Data File : BF088556.D
Acq On : 1 Jul 2016 4:13
Operator : UM/SJ
Sample : H3630-09MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MSD

Manual Integrations
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7/1/2016 6:59:34 PM

Quant Time: Jul 01 11:50:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 01 01:58:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	122797	20.00	ng		0.01
21) Naphthalene-d8	8.11	136	454145	20.00	ng		0.01
38) Acenaphthene-d10	9.86	164	179881	20.00	ng		0.01
63) Phenanthrene-d10	11.34	188	300364	20.00	ng		0.01
75) Chrysene-d12	13.98	240	166564	20.00	ng		0.02
86) Perylene-d12	15.42	264	155177	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1035024	126.32	ng		0.02
7) Phenol-d6	6.47	99	1463229	138.21	ng		0.02
23) Nitrobenzene-d5	7.39	82	939187	108.37	ng		0.01
41) 2,4,6-Tribromophenol	10.65	330	235615	141.05	ng		0.01
44) 2-Fluorobiphenyl	9.19	172	1069376	93.90	ng		0.01
78) Terphenyl-d14	12.93	244	672433	89.92	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	155136	38.19	ng	#	30
3) Pyridine	3.15	79	363579	30.84	ng		94
4) n-Nitrosodimethylamine	3.10	42	217408	48.28	ng		90
6) Aniline	6.54	93	180858m	11.72	ng		
8) 2-Chlorophenol	6.60	128	390496	44.34	ng		88
9) Benzaldehyde	6.36	77	17933	2.50	ng	#	72
10) Phenol	6.48	94	592710	49.05	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	635282	70.50	ng		91
12) 1,3-Dichlorobenzene	6.76	146	419743	43.32	ng		98
13) 1,4-Dichlorobenzene	6.84	146	456556	47.47	ng		100
14) 1,2-Dichlorobenzene	6.99	146	359596m	39.94	ng		
15) Benzyl Alcohol	6.97	79	404610	51.93	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	504274	38.64	ng		89
17) 2-Methylphenol	7.08	107	350753	48.82	ng		96
18) Hexachloroethane	7.34	117	204844	55.06	ng	#	82
19) n-Nitroso-di-n-propylamine	7.24	70	328434	46.18	ng		94
20) 3+4-Methylphenols	7.23	107	416036	48.25	ng	#	75
22) Acetophenone	7.24	105	578718	52.50	ng	#	91
24) Nitrobenzene	7.40	77	458259	52.45	ng	#	78
25) Isophorone	7.66	82	913431	56.90	ng	#	96
26) 2-Nitrophenol	7.72	139	186933	52.17	ng	#	90
27) 2,4-Dimethylphenol	7.77	122	371818	49.82	ng		89
28) bis(2-Chloroethoxy)methane	7.86	93	485812	46.50	ng	#	96
29) 2,4-Dichlorophenol	7.96	162	306018	50.74	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	337116	50.93	ng		98
31) Naphthalene	8.14	128	1203178	53.74	ng		99
32) Benzoic acid	7.88	122	143385	26.46	ng	#	52
33) 4-Chloroaniline	8.19	127	163267	16.39	ng	#	92
34) Hexachlorobutadiene	8.25	225	166784	47.06	ng		98
35) Caprolactam	8.55	113	158245	77.25	ng	#	68
36) 4-Chloro-3-methylphenol	8.66	107	333312	46.73	ng		89
37) 2-Methylnaphthalene	8.82	142	605904	42.03	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	269124	44.98	ng	#	1
40) Hexachlorocyclopentadiene	8.98	237	157264	53.55	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	187969	47.65	ng		97
43) 2,4,5-Trichlorophenol	9.15	196	173961	51.26	ng	#	87
45) 1,1'-Biphenyl	9.29	154	739089	49.62	ng		98
46) 2-Chloronaphthalene	9.31	162	570763	48.81	ng		98
47) 2-Nitroaniline	9.40	65	239017	57.60	ng		96
48) Acenaphthylene	9.72	152	803600	43.19	ng		98
49) Dimethylphthalate	9.59	163	808158	63.06	ng		99
50) 2,6-Dinitrotoluene	9.64	165	146148	51.46	ng	#	36
51) Acenaphthene	9.90	154	514280	45.09	ng		98
52) 3-Nitroaniline	9.80	138	113648	31.48	ng	#	80
53) 2,4-Dinitrophenol	9.91	184	21399	17.06	ng	#	1
54) Dibenzofuran	10.07	168	741176	49.65	ng	#	86
55) 4-Nitrophenol	9.98	139	270506	98.59	ng		94
56) 2,4-Dinitrotoluene	10.04	165	186868	50.32	ng	#	46
57) Fluorene	10.41	166	619798	53.88	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	131770	50.18	ng	#	42
59) Diethylphthalate	10.28	149	676595	52.61	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	237289	44.39	ng	#	88
61) 4-Nitroaniline	10.42	138	149395	43.00	ng		86
62) Azobenzene	10.56	77	735106	50.11	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	26692	16.61	ng	#	47
65) n-Nitrosodiphenylamine	10.51	169	556177	54.71	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	160621	53.06	ng	#	91
67) Hexachlorobenzene	10.96	284	162569	48.52	ng	#	77
68) Atrazine	11.05	200	162360	51.26	ng		92
69) Pentachlorophenol	11.14	266	173925	87.71	ng		97
70) Phenanthrene	11.36	178	749967	45.68	ng		100
71) Anthracene	11.42	178	803465	49.21	ng		100
72) Carbazole	11.56	167	651955	42.43	ng		99
73) Di-n-butylphthalate	11.91	149	835009	46.72	ng		99
74) Fluoranthene	12.57	202	704405	42.32	ng		94
77) Pyrene	12.78	202	629879	44.60	ng		99
79) Butylbenzylphthalate	13.41	149	296659	47.09	ng	#	80
80) Benzo(a)anthracene	13.98	228	486249	45.34	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	82888	20.56	ng	#	92
82) Chrysene	14.01	228	492006	46.37	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	343405	47.75	ng	#	96
84) Di-n-octyl phthalate	14.59	149	511533	41.87	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	455746	55.82	ng	#	100
87) Benzo(b)fluoranthene	15.01	252	442311m	45.44	ng		
88) Benzo(k)fluoranthene	15.04	252	429070m	50.63	ng		
89) Benzo(a)pyrene	15.36	252	394408	47.85	ng	#	89
90) Dibenzo(a,h)anthracene	16.81	278	379290	55.11	ng	#	94
91) Benzo(g,h,i)perylene	17.21	276	385714	54.16	ng		99

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

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