Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087491.D
Acq On : 28 May 2016 21:45
Operator : UM/SJ
Sample : H3276-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02MSD

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5/31/2016 7:03:39 PM

Quant Time: May 30 03:51:10 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 03:48:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	119684	20.00	ng		-0.01
21) Naphthalene-d8	9.50	136	496337	20.00	ng		-0.01
38) Acenaphthene-d10	12.33	164	230488	20.00	ng		0.00
63) Phenanthrene-d10	14.73	188	429791	20.00	ng		0.00
75) Chrysene-d12	18.43	240	300519	20.00	ng		0.00
86) Perylene-d12	20.10	264	237199	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	682334	100.18	ng		0.01
7) Phenol-d6	7.03	99	650940	70.73	ng		-0.01
23) Nitrobenzene-d5	8.39	82	814396	82.69	ng		-0.01
41) 2,4,6-Tribromophenol	13.63	330	291823	131.75	ng		0.00
44) 2-Fluorobiphenyl	11.28	172	1342048	82.09	ng		-0.01
78) Terphenyl-d14	17.09	244	1154880	81.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	93388	25.98	ng	#	58
3) Pyridine	2.44	79	94118	11.98	ng	#	55
4) n-Nitrosodimethylamine	2.36	42	132267	21.85	ng	#	45
6) Aniline	6.97	93	285030	23.94	ng		94
8) 2-Chlorophenol	7.15	128	371464	43.73	ng		94
9) Benzaldehyde	6.83	77	29026	5.71	ng		98
10) Phenol	7.04	94	272117	27.08	ng	#	72
11) bis(2-Chloroethyl)ether	7.11	93	356000	43.77	ng		84
12) 1,3-Dichlorobenzene	7.36	146	347459	37.50	ng	#	92
13) 1,4-Dichlorobenzene	7.50	146	365199	38.40	ng		96
14) 1,2-Dichlorobenzene	7.72	146	352384	40.05	ng		98
15) Benzyl Alcohol	7.77	79	244504	36.44	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.96	45	730133	39.89	ng		86
17) 2-Methylphenol	7.99	107	287576	42.25	ng	#	87
18) Hexachloroethane	8.24	117	138067	38.91	ng		95
19) n-Nitroso-di-n-propylamine	8.19	70	311866	45.44	ng	#	70
20) 3+4-Methylphenols	8.25	107	347636	42.24	ng	#	58
22) Acetophenone	8.16	105	563101	47.49	ng	#	98
24) Nitrobenzene	8.42	77	449589	43.25	ng		95
25) Isophorone	8.81	82	785549	44.48	ng		99
26) 2-Nitrophenol	8.92	139	191268	45.01	ng	#	77
27) 2,4-Dimethylphenol	9.07	122	348182	47.20	ng		89
28) bis(2-Chloroethoxy)methane	9.20	93	471231	47.37	ng		99
29) 2,4-Dichlorophenol	9.35	162	316571	47.62	ng		99
30) 1,2,4-Trichlorobenzene	9.43	180	320957	42.17	ng		98
31) Naphthalene	9.53	128	1058982	42.58	ng		99
32) Benzoic acid	9.37	122	61415	20.03	ng		82
33) 4-Chloroaniline	9.69	127	195236	21.31	ng	#	94
34) Hexachlorobutadiene	9.75	225	179479	38.80	ng		99
35) Caprolactam	10.35	113	19336m	9.97	ng		
36) 4-Chloro-3-methylphenol	10.55	107	361760	48.13	ng		93
37) 2-Methylnaphthalene	10.66	142	712521	45.86	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	317126	42.98	ng		99
40) Hexachlorocyclopentadiene	10.90	237	177939	61.14	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.16	196	195642	45.94	ng		94
43) 2,4,5-Trichlorophenol	11.24	196	194335	44.81	ng	#	79
45) 1,1'-Biphenyl	11.43	154	853824	44.00	ng		98
46) 2-Chloronaphthalene	11.44	162	648683	43.69	ng	#	89
47) 2-Nitroaniline	11.67	65	251178	46.96	ng	#	78
48) Acenaphthylene	12.10	152	1037560	44.14	ng		99
49) Dimethylphthalate	11.99	163	818497	44.33	ng		100
50) 2,6-Dinitrotoluene	12.08	165	165628	44.52	ng	#	63
51) Acenaphthene	12.38	154	640797	44.36	ng		98
52) 3-Nitroaniline	12.37	138	42882	11.23	ng	#	91
53) 2,4-Dinitrophenol	12.56	184	148062	77.94	ng	#	85
54) Dibenzofuran	12.67	168	950520	48.60	ng		97
55) 4-Nitrophenol	12.78	139	66844	36.70	ng	#	54
56) 2,4-Dinitrotoluene	12.74	165	231536	46.56	ng	#	86
57) Fluorene	13.22	166	744871	43.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.91	232	173839	52.11	ng		98
59) Diethylphthalate	13.13	149	784402	43.70	ng		100
60) 4-Chlorophenyl-phenylether	13.25	204	353285	42.71	ng		99
61) 4-Nitroaniline	13.36	138	121379	34.06	ng	#	72
62) Azobenzene	13.51	77	937891	50.36	ng		87
64) 4,6-Dinitro-2-methylphenol	13.42	198	107849	39.46	ng	#	80
65) n-Nitrosodiphenylamine	13.47	169	653129	46.99	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	206326	43.88	ng		98
67) Hexachlorobenzene	14.10	284	213331	43.38	ng	#	67
68) Atrazine	14.39	200	190205	42.93	ng		94
69) Pentachlorophenol	14.47	266	142272	92.08	ng		98
70) Phenanthrene	14.77	178	1078678	45.31	ng		100
71) Anthracene	14.86	178	1116311	46.42	ng		99
72) Carbazole	15.15	167	979808	47.77	ng		99
73) Di-n-butylphthalate	15.73	149	1216116	45.85	ng	#	99
74) Fluoranthene	16.54	202	1108259	46.42	ng		92
76) Benzidine	16.80	184	21148	2.73	ng		99
77) Pyrene	16.83	202	1048328	48.46	ng		99
79) Butylbenzylphthalate	17.75	149	461715	48.13	ng	#	72
80) Benzo(a)anthracene	18.42	228	800218	46.81	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	94294	9.99	ng		97
82) Chrysene	18.47	228	777374	45.82	ng		100
83) Bis(2-ethylhexyl)phthalate	18.49	149	628585	44.91	ng	#	95
84) Di-n-octyl phthalate	19.27	149	967198	45.31	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.31	276	678995	49.93	ng		94
87) Benzo(b)fluoranthene	19.69	252	689855	45.66	ng		99
88) Benzo(k)fluoranthene	19.73	252	578580m	44.49	ng		
89) Benzo(a)pyrene	20.05	252	601427	46.02	ng		99
90) Dibenzo(a,h)anthracene	21.31	278	579237	51.97	ng		98
91) Benzo(g,h,i)perylene	21.67	276	578378	52.59	ng	#	90

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

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