Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091858.D
Acq On : 22 Dec 2016 2:34
Operator : UM/SJ
Sample : H6156-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-101MSD

Manual Integrations APPROVED
sohil
12/22/2016 7:09:08 PM

Quant Time: Dec 22 14:59:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 14:53:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	297763	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	1208419	20.00	ng		-0.01
38) Acenaphthene-d10	9.79	164	667210	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	1028974	20.00	ng		0.00
75) Chrysene-d12	13.91	240	752055	20.00	ng		0.00
86) Perylene-d12	15.30	264	622336	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1473812	82.65	ng		0.01
7) Phenol-d6	6.40	99	1193527	54.82	ng		-0.01
23) Nitrobenzene-d5	7.32	82	2098030	96.54	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	698642	126.53	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	3083755	96.43	ng		0.00
78) Terphenyl-d14	12.85	244	2472085	79.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	217626	24.79	ng		97
3) Pyridine	3.05	79	483389	15.78	ng		97
4) n-Nitrosodimethylamine	2.99	42	256577	22.20	ng		97
6) Aniline	6.41	93	927112	32.78	ng	#	69
8) 2-Chlorophenol	6.53	128	872428	43.01	ng		97
9) Benzaldehyde	6.29	77	156742	9.79	ng		95
10) Phenol	6.41	94	537716	21.67	ng	#	77
11) bis(2-Chloroethyl)ether	6.49	93	1007344	51.03	ng		98
12) 1,3-Dichlorobenzene	6.68	146	980194	45.26	ng	#	90
13) 1,4-Dichlorobenzene	6.76	146	961747	43.63	ng		99
14) 1,2-Dichlorobenzene	6.92	146	952177	49.79	ng		99
15) Benzyl Alcohol	6.90	79	578529	34.20	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1449627	49.31	ng		95
17) 2-Methylphenol	7.02	107	667201	40.90	ng		97
18) Hexachloroethane	7.26	117	384807	47.09	ng		96
19) n-Nitroso-di-n-propylamine	7.17	70	734915	50.74	ng		98
20) 3+4-Methylphenols	7.17	107	695688	35.75	ng		94
22) Acetophenone	7.16	105	1492491	50.07	ng	#	94
24) Nitrobenzene	7.33	77	1123005	48.52	ng		99
25) Isophorone	7.58	82	2193858	54.72	ng		99
26) 2-Nitrophenol	7.65	139	566636	49.64	ng		98
27) 2,4-Dimethylphenol	7.70	122	902045	47.65	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	1279967	52.64	ng		99
29) 2,4-Dichlorophenol	7.90	162	845808	52.76	ng		94
30) 1,2,4-Trichlorobenzene	7.98	180	881971	50.21	ng		98
31) Naphthalene	8.05	128	2836925	51.29	ng		100
32) Benzoic acid	7.81	122	225608	16.07	ng		92
33) 4-Chloroaniline	8.11	127	909144	36.46	ng		99
34) Hexachlorobutadiene	8.18	225	448767	48.40	ng		99
35) Caprolactam	8.50	113	49642	9.42	ng	#	73
36) 4-Chloro-3-methylphenol	8.60	107	891717	48.34	ng		94
37) 2-Methylnaphthalene	8.75	142	1896715	72.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	832560	49.39	ng		99
40) Hexachlorocyclopentadiene	8.91	237	718289	94.90	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	597866	50.71	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	594238m	48.98	ng		
45) 1,1'-Biphenyl	9.22	154	2501953	54.77	ng		99
46) 2-Chloronaphthalene	9.24	162	1863606	51.51	ng		99
47) 2-Nitroaniline	9.33	65	661830	51.38	ng		99
48) Acenaphthylene	9.65	152	2752687	49.47	ng		99
49) Dimethylphthalate	9.53	163	2301607	53.94	ng		98
50) 2,6-Dinitrotoluene	9.58	165	502636	53.81	ng	#	82
51) Acenaphthene	9.82	154	1991819	52.80	ng		99
52) 3-Nitroaniline	9.74	138	372494	32.23	ng		98
53) 2,4-Dinitrophenol	9.86	184	479450	92.25	ng	#	67
54) Dibenzofuran	10.00	168	2330601	45.75	ng		99
55) 4-Nitrophenol	9.93	139	365124	46.52	ng		90
56) 2,4-Dinitrotoluene	9.98	165	546245	46.60	ng		87
57) Fluorene	10.34	166	1849348	49.90	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	509567	53.10	ng		98
59) Diethylphthalate	10.22	149	2114173	51.01	ng		95
60) 4-Chlorophenyl-phenylether	10.33	204	730527	45.02	ng		97
61) 4-Nitroaniline	10.36	138	556003	46.42	ng		95
62) Azobenzene	10.49	77	2314462	50.72	ng		99
64) 4,6-Dinitro-2-methylphenol	10.40	198	327331	52.61	ng	#	63
65) n-Nitrosodiphenylamine	10.45	169	1626560	53.27	ng		100
66) 4-Bromophenyl-phenylether	10.82	248	541959	50.63	ng		96
67) Hexachlorobenzene	10.89	284	601845	52.60	ng		96
68) Atrazine	10.99	200	512983	52.08	ng		93
69) Pentachlorophenol	11.08	266	568185	101.21	ng		97
70) Phenanthrene	11.30	178	2863055	51.31	ng		100
71) Anthracene	11.34	178	2448444	52.46	ng		99
72) Carbazole	11.50	167	2440383	47.21	ng		100
73) Di-n-butylphthalate	11.84	149	2675112	51.16	ng		100
74) Fluoranthene	12.48	202	2483270	51.26	ng		99
76) Benzidine	12.60	184	235037	8.83	ng		97
77) Pyrene	12.70	202	2540423	46.04	ng		99
79) Butylbenzylphthalate	13.33	149	1358188	54.12	ng		86
80) Benzo(a)anthracene	13.89	228	1878026	44.24	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	570136	35.42	ng	#	97
82) Chrysene	13.93	228	1894576	44.49	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1434229	48.53	ng	#	96
84) Di-n-octyl phthalate	14.50	149	2736539	49.98	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1939931	52.59	ng		97
87) Benzo(b)fluoranthene	14.91	252	2237103m	57.74	ng		
88) Benzo(k)fluoranthene	14.93	252	1419634m	42.97	ng		
89) Benzo(a)pyrene	15.24	252	1739851	50.59	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	1583625	56.03	ng		96
91) Benzo(g,h,i)perylene	17.04	276	1700321	57.85	ng	#	92

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

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