Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087932.D
Acq On : 12 Jun 2016 6:49
Operator : UM/SJ
Sample : H3501-26MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW1MSD

Manual Integrations APPROVED
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6/13/2016 7:45:31 PM

Quant Time: Jun 13 12:17:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 01:40:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108294	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	450954	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	224331	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	410932	20.00	ng		0.00
75) Chrysene-d12	13.97	240	283288	20.00	ng		0.00
86) Perylene-d12	15.37	264	243403	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	490008	77.35	ng		0.00
7) Phenol-d6	6.44	99	461425	60.10	ng		0.00
23) Nitrobenzene-d5	7.38	82	784139	101.54	ng		0.01
41) 2,4,6-Tribromophenol	10.64	330	274580	115.92	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1189098	83.15	ng		0.00
78) Terphenyl-d14	12.91	244	1064246	85.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	59352	19.28	ng	#	24
3) Pyridine	3.11	79	119045	16.38	ng		96
4) n-Nitrosodimethylamine	3.03	42	77099	25.05	ng		90
6) Aniline	6.47	93	164099	15.02	ng	#	60
8) 2-Chlorophenol	6.59	128	341890	45.60	ng		90
9) Benzaldehyde	6.34	77	27898	4.62	ng		94
10) Phenol	6.46	94	180150	21.42	ng	#	60
11) bis(2-Chloroethyl)ether	6.55	93	365041	54.23	ng	#	82
12) 1,3-Dichlorobenzene	6.74	146	345698	42.97	ng		97
13) 1,4-Dichlorobenzene	6.82	146	371151	45.80	ng		99
14) 1,2-Dichlorobenzene	6.97	146	317994m	43.15	ng		
15) Benzyl Alcohol	6.96	79	223300	37.18	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	460499	50.63	ng		89
17) 2-Methylphenol	7.07	107	235682	38.76	ng		98
18) Hexachloroethane	7.31	117	124217	43.20	ng	#	85
19) n-Nitroso-di-n-propylamine	7.23	70	264445	53.84	ng		89
20) 3+4-Methylphenols	7.23	107	269356	37.97	ng	#	77
22) Acetophenone	7.22	105	547705	54.35	ng	#	97
24) Nitrobenzene	7.39	77	362687	48.48	ng		91
25) Isophorone	7.63	82	733187	51.26	ng		97
26) 2-Nitrophenol	7.71	139	234638	58.55	ng	#	79
27) 2,4-Dimethylphenol	7.76	122	343392	46.54	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	477015	53.77	ng		97
29) 2,4-Dichlorophenol	7.96	162	322412	52.34	ng		89
30) 1,2,4-Trichlorobenzene	8.03	180	301115	44.89	ng		99
31) Naphthalene	8.11	128	1024818	45.92	ng		100
32) Benzoic acid	7.88	122	132933	32.72	ng		97
33) 4-Chloroaniline	8.17	127	122348	12.28	ng		95
34) Hexachlorobutadiene	8.24	225	160797	45.45	ng		99
35) Caprolactam	8.58	113	23280	11.41	ng		92
36) 4-Chloro-3-methylphenol	8.66	107	334074	50.71	ng		95
37) 2-Methylnaphthalene	8.81	142	759348	51.63	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	287058	51.81	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	282162	77.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	243424	54.26	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	210124	45.02	ng	#	91
45) 1,1'-Biphenyl	9.28	154	933411	57.10	ng		96
46) 2-Chloronaphthalene	9.30	162	741358	51.07	ng		95
47) 2-Nitroaniline	9.39	65	217404	50.77	ng		94
48) Acenaphthylene	9.71	152	1075341	46.57	ng		99
49) Dimethylphthalate	9.59	163	887635	54.62	ng		100
50) 2,6-Dinitrotoluene	9.64	165	214589	57.66	ng	#	88
51) Acenaphthene	9.88	154	672970	46.72	ng		99
52) 3-Nitroaniline	9.82	138	68845	16.03	ng	#	77
53) 2,4-Dinitrophenol	9.92	184	225978	103.20	ng	#	83
54) Dibenzofuran	10.06	168	907484	45.75	ng	#	90
55) 4-Nitrophenol	9.99	139	143030	42.91	ng	#	85
56) 2,4-Dinitrotoluene	10.04	165	272882	57.06	ng	#	79
57) Fluorene	10.40	166	712683	54.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	196644	53.61	ng	#	55
59) Diethylphthalate	10.27	149	803999	48.88	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	278170	42.17	ng		92
61) 4-Nitroaniline	10.42	138	89933	22.08	ng		96
62) Azobenzene	10.55	77	749489	46.08	ng		97
64) 4,6-Dinitro-2-methylphenol	10.44	198	125894	49.02	ng		97
65) n-Nitrosodiphenylamine	10.51	169	645010	47.30	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	196614	44.60	ng	#	85
67) Hexachlorobenzene	10.95	284	239239	52.23	ng	#	76
68) Atrazine	11.05	200	192135	46.53	ng		91
69) Pentachlorophenol	11.14	266	245927	101.85	ng		97
70) Phenanthrene	11.36	178	1101091	51.06	ng		99
71) Anthracene	11.40	178	1027043	47.22	ng		100
72) Carbazole	11.56	167	951065	46.72	ng		99
73) Di-n-butylphthalate	11.90	149	1181749	45.86	ng		99
74) Fluoranthene	12.54	202	1063754	46.75	ng		97
77) Pyrene	12.77	202	1000995	47.62	ng		99
79) Butylbenzylphthalate	13.39	149	519352	55.88	ng		90
80) Benzo(a)anthracene	13.95	228	796070	49.31	ng		99
82) Chrysene	13.99	228	668528	44.02	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	563673	49.82	ng	#	99
84) Di-n-octyl phthalate	14.56	149	1069042	58.15	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	813740	57.67	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	938589m	55.33	ng		
88) Benzo(k)fluoranthene	15.01	252	522968m	40.87	ng		
89) Benzo(a)pyrene	15.33	252	722900	52.67	ng	#	93
90) Dibenzo(a,h)anthracene	16.77	278	664120	52.10	ng		98
91) Benzo(g,h,i)perylene	17.17	276	694049	52.93	ng		98

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

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