Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
Data File : BF087090.D
Acq On : 16 May 2016 19:24
Operator : UM/SJ
Sample : H3074-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-44-051216MSD

Manual Integrations APPROVED
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5/17/2016 7:15:58 PM

Quant Time: May 17 13:28:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:12:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	130429	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	514454	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	202493	20.00	ng		0.00
63) Phenanthrene-d10	11.12	188	314849	20.00	ng		0.00
75) Chrysene-d12	13.75	240	231951	20.00	ng		-0.01
86) Perylene-d12	15.11	264	195292	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1028982	133.61	ng		0.02
7) Phenol-d6	6.28	99	1244108	120.87	ng		0.00
23) Nitrobenzene-d5	7.19	82	955698	93.28	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	255635	119.25	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	1476885	122.58	ng		0.00
78) Terphenyl-d14	12.71	244	1061527	97.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	142847	37.78	ng	#	66
3) Pyridine	2.88	79	183607	19.86	ng	#	64
4) n-Nitrosodimethylamine	2.79	42	310371	46.30	ng	#	50
6) Aniline	6.28	93	74255	5.96	ng	#	1
8) 2-Chlorophenol	6.40	128	399071	42.94	ng	#	76
9) Benzaldehyde	6.16	77	34496	5.79	ng		99
10) Phenol	6.30	94	446128	36.47	ng	#	62
11) bis(2-Chloroethyl)ether	6.35	93	411266	43.11	ng	#	83
12) 1,3-Dichlorobenzene	6.55	146	428234	42.58	ng		97
13) 1,4-Dichlorobenzene	6.63	146	432403	42.16	ng		98
14) 1,2-Dichlorobenzene	6.78	146	373108	41.74	ng		96
15) Benzyl Alcohol	6.78	79	253038	35.60	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.90	45	877245	42.29	ng		75
17) 2-Methylphenol	6.90	107	330775m	44.73	ng		
18) Hexachloroethane	7.12	117	132224	34.27	ng	#	83
19) n-Nitroso-di-n-propylamine	7.04	70	330453m	45.94	ng		
20) 3+4-Methylphenols	7.06	107	446387	46.22	ng	#	60
22) Acetophenone	7.03	105	593948	48.88	ng	#	94
24) Nitrobenzene	7.20	77	452808	42.96	ng		92
25) Isophorone	7.45	82	872452	45.90	ng		96
26) 2-Nitrophenol	7.52	139	178676	38.57	ng	#	71
27) 2,4-Dimethylphenol	7.59	122	344599	43.67	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	465861	45.43	ng		99
29) 2,4-Dichlorophenol	7.78	162	303810	43.74	ng		94
30) 1,2,4-Trichlorobenzene	7.84	180	327590	42.18	ng		95
31) Naphthalene	7.92	128	1143980	44.40	ng		99
32) Benzoic acid	7.75	122	205409	44.32	ng		83
33) 4-Chloroaniline	8.00	127	58923	5.89	ng	#	87
34) Hexachlorobutadiene	8.03	225	186398	41.36	ng		98
35) Caprolactam	8.36	113	83075	35.15	ng	#	46
36) 4-Chloro-3-methylphenol	8.49	107	317276	37.66	ng		87
37) 2-Methylnaphthalene	8.60	142	671696	44.59	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	292788	49.73	ng		98
40) Hexachlorocyclopentadiene	8.75	237	34843	12.47	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	192513	48.90	ng		95
43) 2,4,5-Trichlorophenol	8.96	196	178845	43.93	ng		96
45) 1,1'-Biphenyl	9.07	154	788732	48.97	ng		96
46) 2-Chloronaphthalene	9.10	162	580995	46.04	ng		93
47) 2-Nitroaniline	9.21	65	254056	55.09	ng	#	81
48) Acenaphthylene	9.51	152	887418	47.81	ng		99
49) Dimethylphthalate	9.38	163	751895	48.67	ng		100
50) 2,6-Dinitrotoluene	9.45	165	145071	44.62	ng	#	88
51) Acenaphthene	9.68	154	575644	49.86	ng		99
52) 3-Nitroaniline	9.62	138	42255	12.35	ng		98
53) 2,4-Dinitrophenol	9.74	184	22634	20.00	ng	#	82
54) Dibenzofuran	9.85	168	779797	52.61	ng		94
55) 4-Nitrophenol	9.82	139	121543m	54.78	ng		
56) 2,4-Dinitrotoluene	9.85	165	149442	37.14	ng	#	33
57) Fluorene	10.19	166	613285	48.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	145195	47.37	ng	#	95
59) Diethylphthalate	10.08	149	671470	44.60	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	279895	53.27	ng	#	78
61) 4-Nitroaniline	10.23	138	109299	33.25	ng	#	62
62) Azobenzene	10.34	77	649890	40.01	ng		82
64) 4,6-Dinitro-2-methylphenol	10.26	198	19768	10.11	ng	#	47
65) n-Nitrosodiphenylamine	10.31	169	303985	31.43	ng		100
66) 4-Bromophenyl-phenylether	10.67	248	169771	53.18	ng		95
67) Hexachlorobenzene	10.74	284	184851	49.55	ng		98
68) Atrazine	10.85	200	74222	22.97	ng		96
69) Pentachlorophenol	10.95	266	154027	89.34	ng		98
70) Phenanthrene	11.14	178	792725	47.18	ng		99
71) Anthracene	11.20	178	868812	50.56	ng		100
72) Carbazole	11.36	167	552125	37.38	ng		98
73) Di-n-butylphthalate	11.70	149	991139	54.94	ng		99
74) Fluoranthene	12.33	202	854462	49.44	ng		94
76) Benzidine	12.47	184	39754	6.72	ng		97
77) Pyrene	12.56	202	836674	47.12	ng		98
79) Butylbenzylphthalate	13.19	149	395334	52.63	ng		91
80) Benzo(a)anthracene	13.74	228	658368	50.56	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	22364	2.70	ng	#	91
82) Chrysene	13.78	228	675697	51.01	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	526202	58.24	ng		98
84) Di-n-octyl phthalate	14.35	149	894289	59.75	ng	#	82
85) Indeno(1,2,3-cd)pyrene	16.37	276	503314	45.67	ng		96
87) Benzo(b)fluoranthene	14.74	252	571169m	45.00	ng		
88) Benzo(k)fluoranthene	14.77	252	522634m	50.29	ng		
89) Benzo(a)pyrene	15.06	252	528127	48.24	ng		97
90) Dibenzo(a,h)anthracene	16.37	278	435017	47.15	ng		99
91) Benzo(g,h,i)perylene	16.73	276	407748	43.49	ng		94

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

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