Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087411.D
Acq On : 26 May 2016 16:37
Operator : UM/SJ
Sample : H3191-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CHS-STA-1711(0-4)MSD

Manual Integrations APPROVED
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5/27/2016 7:37:38 PM

Quant Time: May 27 11:05:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	105219	20.00	ng		-0.01
21) Naphthalene-d8	9.54	136	426479	20.00	ng		-0.01
38) Acenaphthene-d10	12.36	164	198993	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	378507	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	295475	20.00	ng		-0.01
86) Perylene-d12	20.13	264	208394	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	888842	148.44	ng		0.03
7) Phenol-d6	7.07	99	1097095	135.59	ng		0.00
23) Nitrobenzene-d5	8.43	82	853951	100.91	ng		-0.01
41) 2,4,6-Tribromophenol	13.67	330	278615	145.70	ng		-0.01
44) 2-Fluorobiphenyl	11.32	172	1378604	97.67	ng		-0.01
78) Terphenyl-d14	17.12	244	1228594	88.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	120831m	38.24	ng		
3) Pyridine	2.62	79	236838m	34.29	ng		
4) n-Nitrosodimethylamine	2.52	42	257864	48.45	ng	#	43
6) Aniline	7.03	93	188631	18.02	ng		91
8) 2-Chlorophenol	7.20	128	359448	48.13	ng		93
9) Benzaldehyde	6.87	77	17810	3.99	ng		98
10) Phenol	7.10	94	413718	46.83	ng		81
11) bis(2-Chloroethyl)ether	7.15	93	380995	53.28	ng		86
12) 1,3-Dichlorobenzene	7.40	146	334152	41.03	ng	#	92
13) 1,4-Dichlorobenzene	7.53	146	344493m	41.20	ng		
14) 1,2-Dichlorobenzene	7.77	146	335373	43.36	ng		99
15) Benzyl Alcohol	7.80	79	343029	58.15	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.01	45	690038	42.88	ng		87
17) 2-Methylphenol	8.03	107	293835	49.10	ng	#	90
18) Hexachloroethane	8.28	117	132169	42.37	ng		93
19) n-Nitroso-di-n-propylamine	8.23	70	300600	49.82	ng	#	68
20) 3+4-Methylphenols	8.30	107	382397	52.86	ng	#	60
22) Acetophenone	8.19	105	533250	52.34	ng	#	96
24) Nitrobenzene	8.46	77	434910	48.69	ng		99
25) Isophorone	8.86	82	738787	48.68	ng		98
26) 2-Nitrophenol	8.96	139	186647	51.12	ng	#	71
27) 2,4-Dimethylphenol	9.11	122	319165	50.35	ng	#	86
28) bis(2-Chloroethoxy)methane	9.23	93	441730	51.67	ng		98
29) 2,4-Dichlorophenol	9.38	162	292907	51.28	ng		97
30) 1,2,4-Trichlorobenzene	9.46	180	305533	46.72	ng		97
31) Naphthalene	9.58	128	1052411	49.25	ng		99
32) Benzoic acid	9.45	122	149407	46.04	ng	#	80
33) 4-Chloroaniline	9.74	127	83604	10.62	ng	#	92
34) Hexachlorobutadiene	9.78	225	172025	43.28	ng		99
35) Caprolactam	10.38	113	80646m	48.37	ng		
36) 4-Chloro-3-methylphenol	10.59	107	334959	51.87	ng		89
37) 2-Methylnaphthalene	10.70	142	670186	50.20	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	291242	45.72	ng		98
40) Hexachlorocyclopentadiene	10.95	237	205993	78.75	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	183893	50.02	ng		93
43) 2,4,5-Trichlorophenol	11.29	196	181881	48.58	ng	#	89
45) 1,1'-Biphenyl	11.47	154	838898	50.07	ng		98
46) 2-Chloronaphthalene	11.48	162	615081	47.99	ng		95
47) 2-Nitroaniline	11.70	65	250914	54.33	ng	#	75
48) Acenaphthylene	12.14	152	993941	48.98	ng		99
49) Dimethylphthalate	12.02	163	779369	48.89	ng		100
50) 2,6-Dinitrotoluene	12.12	165	169522	52.78	ng		86
51) Acenaphthene	12.42	154	615136	49.32	ng		99
52) 3-Nitroaniline	12.39	138	61791	18.74	ng		90
53) 2,4-Dinitrophenol	12.58	184	172533	102.91	ng	#	77
54) Dibenzofuran	12.71	168	901088	53.36	ng		94
55) 4-Nitrophenol	12.78	139	142235	90.45	ng	#	43
56) 2,4-Dinitrotoluene	12.78	165	220995	51.48	ng	#	81
57) Fluorene	13.27	166	745480	50.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	164128	56.98	ng		98
59) Diethylphthalate	13.18	149	776686	50.11	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	335624	47.00	ng		95
61) 4-Nitroaniline	13.39	138	138563	45.04	ng	#	64
62) Azobenzene	13.54	77	901790	56.09	ng		84
64) 4,6-Dinitro-2-methylphenol	13.45	198	116952	48.59	ng		84
65) n-Nitrosodiphenylamine	13.51	169	589992	48.20	ng		99
66) 4-Bromophenyl-phenylether	14.08	248	200692	48.47	ng	#	88
67) Hexachlorobenzene	14.15	284	209293	48.33	ng	#	82
68) Atrazine	14.42	200	113884	29.19	ng		94
69) Pentachlorophenol	14.50	266	128186	94.06	ng		97
70) Phenanthrene	14.81	178	1084979	51.75	ng		100
71) Anthracene	14.89	178	1070142	50.53	ng		99
72) Carbazole	15.19	167	957194	52.99	ng		99
73) Di-n-butylphthalate	15.76	149	1100359	47.10	ng	#	98
74) Fluoranthene	16.57	202	1120932	53.32	ng		92
76) Benzidine	16.82	184	18264	2.40	ng		95
77) Pyrene	16.87	202	1064381	50.04	ng		99
79) Butylbenzylphthalate	17.78	149	460113	48.78	ng	#	68
80) Benzo(a)anthracene	18.46	228	896117	53.32	ng		99
81) 3,3'-Dichlorobenzidine	18.45	252	63107	6.80	ng		99
82) Chrysene	18.50	228	843100	50.54	ng		99
83) Bis(2-ethylhexyl)phthalate	18.53	149	604966	43.96	ng	#	95
84) Di-n-octyl phthalate	19.30	149	915237	43.61	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.35	276	647519	48.43	ng		94
87) Benzo(b)fluoranthene	19.73	252	697747	52.56	ng	#	95
88) Benzo(k)fluoranthene	19.75	252	665214m	58.22	ng		
89) Benzo(a)pyrene	20.08	252	631572	55.01	ng	#	97
90) Dibenzo(a,h)anthracene	21.36	278	548263	55.99	ng	#	94
91) Benzo(g,h,i)perylene	21.70	276	544723	56.38	ng	#	91

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

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