Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF087006.D
Acq On : 14 May 2016 8:29
Operator : UM/SJ
Sample : H2989-02MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Manual Integrations APPROVED
sohil
5/16/2016 6:57:15 PM

Quant Time: May 16 01:29:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 16 01:11:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	116982	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	460138	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	221811	20.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	431687	20.00	ng		-0.01
75) Chrysene-d12	13.75	240	289574	20.00	ng		-0.01
86) Perylene-d12	15.11	264	253693	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	577617	83.62	ng		0.01
7) Phenol-d6	6.28	99	727920	78.85	ng		0.00
23) Nitrobenzene-d5	7.19	82	561715	61.30	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	207913	88.54	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	949473	71.94	ng		0.00
78) Terphenyl-d14	12.71	244	940132	68.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	76354	22.52	ng	#	63
3) Pyridine	2.81	79	189059	22.80	ng	#	60
4) n-Nitrosodimethylamine	2.73	42	174662	29.05	ng	#	50
6) Aniline	6.28	93	157744	14.13	ng	#	31
8) 2-Chlorophenol	6.40	128	222261	26.67	ng	#	79
9) Benzaldehyde	6.17	77	18181	3.40	ng		96
10) Phenol	6.30	94	264594	24.11	ng		77
11) bis(2-Chloroethyl)ether	6.35	93	235414	27.51	ng	#	83
12) 1,3-Dichlorobenzene	6.55	146	226327	25.09	ng	#	93
13) 1,4-Dichlorobenzene	6.63	146	237489	25.82	ng		94
14) 1,2-Dichlorobenzene	6.78	146	202645m	25.28	ng		
15) Benzyl Alcohol	6.78	79	201652	31.63	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.90	45	468529	25.19	ng		60
17) 2-Methylphenol	6.90	107	179762	27.10	ng	#	81
18) Hexachloroethane	7.12	117	87300	25.22	ng		99
19) n-Nitroso-di-n-propylamine	7.04	70	186858	28.96	ng	#	66
20) 3+4-Methylphenols	7.06	107	234826	27.11	ng	#	60
22) Acetophenone	7.04	105	330236	30.38	ng	#	92
24) Nitrobenzene	7.20	77	256229	27.18	ng		93
25) Isophorone	7.45	82	488061	28.71	ng		95
26) 2-Nitrophenol	7.52	139	109574	26.44	ng	#	61
27) 2,4-Dimethylphenol	7.58	122	197760	28.02	ng	#	85
28) bis(2-Chloroethoxy)methane	7.67	93	301703	32.90	ng		99
29) 2,4-Dichlorophenol	7.78	162	179838	28.95	ng		94
30) 1,2,4-Trichlorobenzene	7.84	180	186152	26.80	ng		95
31) Naphthalene	7.92	128	639483	27.75	ng		99
32) Benzoic acid	7.71	122	102839	24.81	ng	#	79
33) 4-Chloroaniline	7.99	127	72133	8.05	ng	#	92
34) Hexachlorobutadiene	8.04	225	109299	27.12	ng		99
35) Caprolactam	8.35	113	56598	26.78	ng	#	52
36) 4-Chloro-3-methylphenol	8.49	107	207930	27.60	ng		100
37) 2-Methylnaphthalene	8.62	142	433196	32.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	173862	26.96	ng		98
40) Hexachlorocyclopentadiene	8.76	237	126894	41.45	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	123176	28.56	ng		95
43) 2,4,5-Trichlorophenol	8.95	196	126101	28.27	ng	#	81
45) 1,1'-Biphenyl	9.07	154	501292	28.41	ng		96
46) 2-Chloronaphthalene	9.10	162	378509	27.38	ng		92
47) 2-Nitroaniline	9.21	65	161952	32.06	ng		85
48) Acenaphthylene	9.51	152	583380	28.69	ng		99
49) Dimethylphthalate	9.39	163	508909	30.07	ng		98
50) 2,6-Dinitrotoluene	9.45	165	110582	31.05	ng		93
51) Acenaphthene	9.68	154	374446	29.61	ng		98
52) 3-Nitroaniline	9.62	138	41689	11.12	ng	#	88
53) 2,4-Dinitrophenol	9.74	184	68561	41.74	ng		93
54) Dibenzofuran	9.85	168	530140	32.65	ng		93
55) 4-Nitrophenol	9.82	139	96257m	40.87	ng		
56) 2,4-Dinitrotoluene	9.85	165	131905	29.93	ng	#	61
57) Fluorene	10.19	166	444199	32.08	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	99450	29.62	ng		98
59) Diethylphthalate	10.08	149	457925	27.77	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	207022	31.89	ng	#	87
61) 4-Nitroaniline	10.23	138	92877	25.79	ng	#	61
62) Azobenzene	10.35	77	541123	30.42	ng		87
64) 4,6-Dinitro-2-methylphenol	10.26	198	62898	23.45	ng		84
65) n-Nitrosodiphenylamine	10.31	169	347251	26.18	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	116856	26.70	ng		90
67) Hexachlorobenzene	10.74	284	143384	28.03	ng		98
68) Atrazine	10.84	200	60122	13.57	ng		94
69) Pentachlorophenol	10.95	266	124891	52.83	ng		97
70) Phenanthrene	11.15	178	675057	29.30	ng		99
71) Anthracene	11.20	178	683885	29.03	ng		100
72) Carbazole	11.36	167	552391	27.27	ng		98
73) Di-n-butylphthalate	11.70	149	778277	31.47	ng		99
74) Fluoranthene	12.33	202	682316	28.80	ng		96
77) Pyrene	12.56	202	698703	31.52	ng		99
79) Butylbenzylphthalate	13.19	149	299192	31.91	ng	#	80
80) Benzo(a)anthracene	13.74	228	484585	29.81	ng		99
82) Chrysene	13.78	228	492585	29.79	ng		99
83) Bis(2-ethylhexyl)phthalate	13.75	149	346951	30.76	ng	#	95
84) Di-n-octyl phthalate	14.35	149	525802	28.14	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.35	276	483846	35.17	ng		94
87) Benzo(b)fluoranthene	14.74	252	444449m	26.96	ng		
88) Benzo(k)fluoranthene	14.77	252	412515m	30.56	ng		
89) Benzo(a)pyrene	15.05	252	407599	28.66	ng	#	96
90) Dibenzo(a,h)anthracene	16.37	278	410173	34.22	ng	#	94
91) Benzo(g,h,i)perylene	16.72	276	420344	34.52	ng		95

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

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