Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086261.D
Acq On : 16 Apr 2016 13:02
Operator : UM/SJ
Sample : H2471-05MS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CDMSH4MS

Manual Integrations APPROVED
Sohil
4/18/2016 7:33:29 PM

Quant Time: Apr 18 05:26:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	279712	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1122132	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	501455	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	881879	20.00	ng		0.00
75) Chrysene-d12	14.05	240	468520	20.00	ng		0.00
86) Perylene-d12	15.48	264	471216	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1882700	110.28	ng		0.01
7) Phenol-d6	6.52	99	2354355	110.26	ng		0.00
23) Nitrobenzene-d5	7.46	82	1553534	79.85	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	463791	115.18	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2241934	82.50	ng		0.00
78) Terphenyl-d14	13.00	244	1502576	80.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	314041	33.36	ng		98
3) Pyridine	3.31	79	874036	35.60	ng		96
4) n-Nitrosodimethylamine	3.25	42	380484	42.90	ng	#	68
6) Aniline	6.56	93	683481	22.21	ng		98
8) 2-Chlorophenol	6.68	128	769405	39.84	ng		82
9) Benzaldehyde	6.44	77	260582	17.20	ng		93
10) Phenol	6.53	94	815794	32.08	ng		88
11) bis(2-Chloroethyl)ether	6.64	93	821263	42.93	ng		95
12) 1,3-Dichlorobenzene	6.83	146	776912	37.91	ng		99
13) 1,4-Dichlorobenzene	6.91	146	765440	39.21	ng		99
14) 1,2-Dichlorobenzene	7.07	146	727182	41.97	ng		99
15) Benzyl Alcohol	7.04	79	659271	43.52	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1195635	40.11	ng		100
17) 2-Methylphenol	7.15	107	702946	43.68	ng		96
18) Hexachloroethane	7.41	117	301851	40.99	ng		99
19) n-Nitroso-di-n-propylamine	7.31	70	499748	36.57	ng	#	83
20) 3+4-Methylphenols	7.30	107	673845	37.38	ng		91
22) Acetophenone	7.31	105	962632	46.25	ng	#	99
24) Nitrobenzene	7.48	77	926365	43.55	ng		94
25) Isophorone	7.72	82	1621612	42.00	ng		99
26) 2-Nitrophenol	7.79	139	406709	43.85	ng		94
27) 2,4-Dimethylphenol	7.84	122	781084	41.70	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	987181	43.49	ng		99
29) 2,4-Dichlorophenol	8.03	162	616331	43.28	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	611716	41.05	ng		99
31) Naphthalene	8.20	128	2057422	41.06	ng		100
32) Benzoic acid	7.89	122	68246	5.70	ng		99
33) 4-Chloroaniline	8.25	127	312637	13.96	ng		95
34) Hexachlorobutadiene	8.33	225	311759	41.76	ng		99
35) Caprolactam	8.61	113	234152m	45.42	ng		
36) 4-Chloro-3-methylphenol	8.73	107	727131	44.06	ng		93
37) 2-Methylnaphthalene	8.90	142	1431498	44.18	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	453382	42.33	ng		97
40) Hexachlorocyclopentadiene	9.05	237	457730	77.44	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	418654	42.38	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	403331	42.27	ng	#	86
45) 1,1'-Biphenyl	9.36	154	1456932	40.36	ng		100
46) 2-Chloronaphthalene	9.38	162	1198589	40.67	ng		99
47) 2-Nitroaniline	9.47	65	409094	42.85	ng		97
48) Acenaphthylene	9.80	152	2077800	44.31	ng		100
49) Dimethylphthalate	9.66	163	1818815	49.88	ng		100
50) 2,6-Dinitrotoluene	9.72	165	371205	46.01	ng		97
51) Acenaphthene	9.97	154	1291809	46.11	ng		100
52) 3-Nitroaniline	9.88	138	243162	24.80	ng		98
53) 2,4-Dinitrophenol	9.98	184	211200	71.21	ng		91
54) Dibenzofuran	10.14	168	1767020	47.76	ng		96
55) 4-Nitrophenol	10.04	139	547875	71.44	ng		92
56) 2,4-Dinitrotoluene	10.12	165	489146	47.36	ng	#	85
57) Fluorene	10.49	166	1176826	46.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	320832	46.29	ng		98
59) Diethylphthalate	10.36	149	1491489	39.63	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	478593	45.55	ng		98
61) 4-Nitroaniline	10.50	138	346325	40.87	ng		90
62) Azobenzene	10.64	77	1638476	44.50	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	189127	45.06	ng		94
65) n-Nitrosodiphenylamine	10.59	169	1128976	41.80	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	338663	41.21	ng		94
67) Hexachlorobenzene	11.02	284	359090	41.69	ng		96
68) Atrazine	11.13	200	383484	46.33	ng		94
69) Pentachlorophenol	11.22	266	367794	70.42	ng		98
70) Phenanthrene	11.45	178	1844104	43.78	ng		99
71) Anthracene	11.49	178	1655584	39.92	ng		99
72) Carbazole	11.64	167	1676305	41.85	ng		100
73) Di-n-butylphthalate	11.99	149	2139106	39.49	ng		100
74) Fluoranthene	12.63	202	1588896	43.66	ng		99
76) Benzidine	12.75	184	412279	22.68	ng		97
77) Pyrene	12.85	202	1579751	43.95	ng		99
79) Butylbenzylphthalate	13.48	149	871381	52.48	ng		98
80) Benzo(a)anthracene	14.04	228	1018029	39.58	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	175411	11.77	ng	#	96
82) Chrysene	14.08	228	1088624	39.70	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	843980	47.07	ng		100
84) Di-n-octyl phthalate	14.65	149	1557087	45.06	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.90	276	1344488	59.64	ng		96
87) Benzo(b)fluoranthene	15.07	252	1079491m	37.13	ng		
88) Benzo(k)fluoranthene	15.11	252	1070555m	40.39	ng		
89) Benzo(a)pyrene	15.43	252	1075583	42.71	ng		100
90) Dibenzo(a,h)anthracene	16.92	278	1098476	49.36	ng		99
91) Benzo(g,h,i)perylene	17.32	276	1189508	50.27	ng	#	94

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

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