Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086384.D
Acq On : 23 Apr 2016 11:40
Operator : UM/SJ
Sample : H2661-01MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

Manual Integrations APPROVED
sohil
4/25/2016 12:35:52 PM

Quant Time: Apr 25 05:12:43 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	173972	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	715765	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	350991	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	674078	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	457710	20.00	ng		0.00
86) Perylene-d12	15.40	264	420919	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1296866	128.74	ng		0.02
7) Phenol-d6	6.48	99	1729844	126.31	ng		0.00
23) Nitrobenzene-d5	7.41	82	1103085	91.29	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	398440	125.40	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1873258	91.08	ng		0.00
78) Terphenyl-d14	12.95	244	1658584	90.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	192775	34.61	ng		97
3) Pyridine	3.23	79	124471	9.38	ng		96
4) n-Nitrosodimethylamine	3.14	42	215288	42.75	ng		95
6) Aniline	6.51	93	407020	24.35	ng		93
8) 2-Chlorophenol	6.62	128	517293	42.06	ng		96
9) Benzaldehyde	6.38	77	111885	13.45	ng		96
10) Phenol	6.50	94	630892	39.01	ng		93
11) bis(2-Chloroethyl)ether	6.58	93	522777	37.13	ng		100
12) 1,3-Dichlorobenzene	6.78	146	565776	43.13	ng		99
13) 1,4-Dichlorobenzene	6.86	146	590151	40.96	ng		98
14) 1,2-Dichlorobenzene	7.01	146	553873	42.31	ng		99
15) Benzyl Alcohol	6.99	79	425448	52.34	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	710280	38.49	ng		100
17) 2-Methylphenol	7.10	107	468242	46.46	ng		98
18) Hexachloroethane	7.36	117	196536	40.50	ng	#	91
19) n-Nitroso-di-n-propylamine	7.26	70	366906	44.83	ng		95
20) 3+4-Methylphenols	7.25	107	476624	44.61	ng		91
22) Acetophenone	7.25	105	701473	46.72	ng		98
24) Nitrobenzene	7.42	77	540526	41.70	ng		97
25) Isophorone	7.66	82	1011749	42.73	ng		98
26) 2-Nitrophenol	7.74	139	315985	49.35	ng		97
27) 2,4-Dimethylphenol	7.79	122	491445m	44.82	ng		
28) bis(2-Chloroethoxy)methane	7.88	93	654634	49.51	ng		99
29) 2,4-Dichlorophenol	7.98	162	459394	50.68	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	453845	46.10	ng		94
31) Naphthalene	8.14	128	1561091	42.81	ng		99
32) Benzoic acid	7.85	122	44035m	6.28	ng		
33) 4-Chloroaniline	8.20	127	246013	17.32	ng		97
34) Hexachlorobutadiene	8.27	225	231693	47.13	ng		99
35) Caprolactam	8.57	113	135761m	41.74	ng		
36) 4-Chloro-3-methylphenol	8.68	107	489966	45.48	ng		96
37) 2-Methylnaphthalene	8.84	142	1041002	49.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	380805	41.94	ng		99
40) Hexachlorocyclopentadiene	8.99	237	402936	90.85	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	289163	48.57	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	325330	44.38	ng		94
45) 1,1'-Biphenyl	9.31	154	1226617	45.05	ng		99
46) 2-Chloronaphthalene	9.33	162	985414	45.72	ng		98
47) 2-Nitroaniline	9.42	65	333912	49.75	ng		98
48) Acenaphthylene	9.74	152	1600946	45.81	ng		99
49) Dimethylphthalate	9.61	163	1308543	51.60	ng		99
50) 2,6-Dinitrotoluene	9.66	165	250677	45.77	ng		97
51) Acenaphthene	9.92	154	986605	45.96	ng		99
52) 3-Nitroaniline	9.84	138	241437	35.21	ng		96
53) 2,4-Dinitrophenol	9.94	184	101963	35.81	ng		96
54) Dibenzofuran	10.09	168	1375923	49.91	ng		99
55) 4-Nitrophenol	10.01	139	442067	92.13	ng		94
56) 2,4-Dinitrotoluene	10.08	165	355562	48.89	ng	#	69
57) Fluorene	10.43	166	1039791	46.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	259626	48.45	ng		99
59) Diethylphthalate	10.30	149	1070502	44.09	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	429375	43.46	ng		96
61) 4-Nitroaniline	10.45	138	322918	46.01	ng		92
62) Azobenzene	10.58	77	1186362	47.12	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	137534	33.39	ng		95
65) n-Nitrosodiphenylamine	10.54	169	957003	46.04	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	289984	43.93	ng		93
67) Hexachlorobenzene	10.97	284	309517	43.95	ng	#	58
68) Atrazine	11.07	200	289902	45.17	ng		97
69) Pentachlorophenol	11.16	266	296949	71.81	ng		99
70) Phenanthrene	11.39	178	1534629	45.31	ng		99
71) Anthracene	11.44	178	1589062	40.95	ng		100
72) Carbazole	11.60	167	1650414	45.28	ng		99
73) Di-n-butylphthalate	11.93	149	1723669	44.95	ng		100
74) Fluoranthene	12.57	202	1569081	42.96	ng		98
76) Benzidine	12.69	184	198819	10.59	ng		97
77) Pyrene	12.80	202	1577793	49.43	ng		99
79) Butylbenzylphthalate	13.41	149	764519	51.41	ng	#	75
80) Benzo(a)anthracene	13.99	228	1066142	44.87	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	264347	16.13	ng	#	96
82) Chrysene	14.02	228	1288447	48.13	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	837895	50.32	ng	#	99
84) Di-n-octyl phthalate	14.59	149	1633850	51.11	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1147126	48.20	ng		99
87) Benzo(b)fluoranthene	15.00	252	1033519m	44.73	ng		
88) Benzo(k)fluoranthene	15.04	252	1181629m	52.11	ng		
89) Benzo(a)pyrene	15.35	252	1068698	46.89	ng	#	95
90) Dibenzo(a,h)anthracene	16.81	278	942024	50.10	ng		95
91) Benzo(g,h,i)perylene	17.20	276	1004507	51.75	ng		98

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

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