Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086774.D
Acq On : 7 May 2016 15:14
Operator : UM/SJ
Sample : H2779-01MS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RODNEY-AVE-PS(0-2)KMS

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:39 PM

Quant Time: May 09 16:53:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	180985	40.00	ng		-0.03
21) Naphthalene-d8	8.00	136	749909	40.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	346132	40.00	ng		-0.03
63) Phenanthrene-d10	11.22	188	589163	40.00	ng		-0.03
75) Chrysene-d12	13.85	240	349048	40.00	ng		-0.03
86) Perylene-d12	15.23	264	323743	40.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1437685	131.51	ng		0.00
7) Phenol-d6	6.37	99	2013917	136.75	ng		0.00
23) Nitrobenzene-d5	7.29	82	1479417	101.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	499554	147.54	ng		-0.03
44) 2-Fluorobiphenyl	9.07	172	1986367	94.07	ng		-0.03
78) Terphenyl-d14	12.81	244	1776978	102.89	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	205395	36.35	ng	#	72
3) Pyridine	3.01	79	481916	34.78	ng	#	58
4) n-Nitrosodimethylamine	2.94	42	451232	53.69	ng	#	49
6) Aniline	6.38	93	284849	15.67	ng	#	1
8) 2-Chlorophenol	6.50	128	600286	45.76	ng		89
9) Benzaldehyde	6.26	77	88499	12.05	ng		99
10) Phenol	6.38	94	613857	38.10	ng	#	54
11) bis(2-Chloroethyl)ether	6.45	93	568545	41.00	ng		84
12) 1,3-Dichlorobenzene	6.65	146	648429	46.55	ng		100
13) 1,4-Dichlorobenzene	6.73	146	650595	45.17	ng		99
14) 1,2-Dichlorobenzene	6.88	146	566170	45.14	ng		98
15) Benzyl Alcohol	6.86	79	440464	46.23	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1269539	44.78	ng		53
17) 2-Methylphenol	6.99	107	504399	47.75	ng	#	80
18) Hexachloroethane	7.22	117	253830	46.68	ng	#	83
19) n-Nitroso-di-n-propylamine	7.14	70	471295	46.84	ng	#	69
20) 3+4-Methylphenols	7.15	107	674934	54.57	ng	#	60
22) Acetophenone	7.13	105	878352	50.27	ng		98
24) Nitrobenzene	7.30	77	676782	44.86	ng		97
25) Isophorone	7.54	82	1302851	47.94	ng		98
26) 2-Nitrophenol	7.62	139	352060	52.30	ng	#	91
27) 2,4-Dimethylphenol	7.66	122	509697	43.12	ng		89
28) bis(2-Chloroethoxy)methane	7.76	93	800761	53.53	ng		99
29) 2,4-Dichlorophenol	7.87	162	512628	50.44	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	560103	49.40	ng		99
31) Naphthalene	8.02	128	1861964	48.60	ng		99
32) Benzoic acid	7.77	122	10982m	10.38	ng		
33) 4-Chloroaniline	8.08	127	93185	6.28	ng	#	91
34) Hexachlorobutadiene	8.13	225	316219	49.12	ng		98
35) Caprolactam	8.48	113	166398m	52.90	ng		
36) 4-Chloro-3-methylphenol	8.58	107	550952	47.52	ng		92
37) 2-Methylnaphthalene	8.70	142	1102110m	48.76	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	498771	49.78	ng		98
40) Hexachlorocyclopentadiene	8.85	237	486923	103.49	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	336841	52.87	ng		94
43) 2,4,5-Trichlorophenol	9.05	196	356158	53.51	ng		96
45) 1,1'-Biphenyl	9.17	154	1431354	50.58	ng		97
46) 2-Chloronaphthalene	9.20	162	1078538	49.39	ng		96
47) 2-Nitroaniline	9.30	65	359741	46.34	ng	#	73
48) Acenaphthylene	9.61	152	1481857	45.71	ng		99
49) Dimethylphthalate	9.48	163	1462359	56.67	ng		99
50) 2,6-Dinitrotoluene	9.55	165	298448	53.90	ng	#	75
51) Acenaphthene	9.78	154	988287	46.22	ng		99
52) 3-Nitroaniline	9.71	138	121903	19.36	ng	#	73
53) 2,4-Dinitrophenol	9.82	184	129879	65.21	ng		87
54) Dibenzofuran	9.95	168	1273299	48.04	ng		93
55) 4-Nitrophenol	9.90	139	333853	90.96	ng	#	48
56) 2,4-Dinitrotoluene	9.95	165	329268	47.98	ng	#	79
57) Fluorene	10.29	166	1066701	49.66	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	292720	59.88	ng		97
59) Diethylphthalate	10.18	149	1090843	44.67	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	456652	44.72	ng		96
61) 4-Nitroaniline	10.34	138	260684	43.10	ng	#	76
62) Azobenzene	10.44	77	1285678	47.51	ng		84
64) 4,6-Dinitro-2-methylphenol	10.36	198	167488	53.87	ng		84
65) n-Nitrosodiphenylamine	10.41	169	904087	48.33	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	303407	51.82	ng		95
67) Hexachlorobenzene	10.83	284	333890	46.76	ng	#	64
68) Atrazine	10.94	200	277557	48.41	ng		95
69) Pentachlorophenol	11.04	266	340012	96.81	ng		97
70) Phenanthrene	11.25	178	1553054	49.08	ng		99
71) Anthracene	11.30	178	1481364	44.70	ng		99
72) Carbazole	11.46	167	1269316	44.11	ng		98
73) Di-n-butylphthalate	11.79	149	1565381	45.82	ng	#	97
74) Fluoranthene	12.43	202	1505737	47.48	ng		96
76) Benzidine	12.57	184	105186	16.47	ng		97
77) Pyrene	12.66	202	1552186	55.78	ng		99
79) Butylbenzylphthalate	13.28	149	691625	59.34	ng	#	63
80) Benzo(a)anthracene	13.84	228	1008918	51.11	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	158970	12.81	ng	#	95
82) Chrysene	13.88	228	1117439	53.06	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	836110	61.99	ng	#	94
84) Di-n-octyl phthalate	14.45	149	1504186	75.79	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.53	276	991291	54.86	ng		95
87) Benzo(b)fluoranthene	14.84	252	1208857m	62.14	ng		
88) Benzo(k)fluoranthene	14.88	252	751629m	41.01	ng		
89) Benzo(a)pyrene	15.17	252	890176	49.68	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	824298	47.89	ng		96
91) Benzo(g,h,i)perylene	16.92	276	831298	46.00	ng	#	92

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

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