Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086775.D
Acq On : 7 May 2016 15:43
Operator : UM/SJ
Sample : H2779-01MSD
Misc :
ALS Vial : 48 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:41 PM

Quant Time: May 08 00:05:17 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	172048	40.00	ng		-0.03
21) Naphthalene-d8	8.00	136	708672	40.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	335502	40.00	ng		-0.03
63) Phenanthrene-d10	11.22	188	569790	40.00	ng		-0.03
75) Chrysene-d12	13.85	240	345360	40.00	ng		-0.03
86) Perylene-d12	15.23	264	323238	40.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1436674	138.24	ng		0.00
7) Phenol-d6	6.37	99	1953988	139.58	ng		0.00
23) Nitrobenzene-d5	7.29	82	1429870	103.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	485141	147.82	ng		-0.03
44) 2-Fluorobiphenyl	9.07	172	1935608	94.57	ng		-0.03
78) Terphenyl-d14	12.81	244	1811388	106.00	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	212696	39.60	ng	#	72
3) Pyridine	3.01	79	497912	37.80	ng	#	69
4) n-Nitrosodimethylamine	2.94	42	440606	55.15	ng	#	51
6) Aniline	6.38	93	365801	21.17	ng	#	1
8) 2-Chlorophenol	6.50	128	598321	47.97	ng		89
9) Benzaldehyde	6.26	77	88138	12.62	ng		97
10) Phenol	6.38	94	618316	40.37	ng	#	50
11) bis(2-Chloroethyl)ether	6.45	93	576516	43.73	ng		84
12) 1,3-Dichlorobenzene	6.65	146	638150	48.19	ng		99
13) 1,4-Dichlorobenzene	6.73	146	637965	46.59	ng		100
14) 1,2-Dichlorobenzene	6.88	146	561698	47.11	ng		98
15) Benzyl Alcohol	6.86	79	470249	51.92	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1245365	46.21	ng	#	51
17) 2-Methylphenol	6.99	107	499130	49.71	ng	#	80
18) Hexachloroethane	7.22	117	251205	48.59	ng	#	85
19) n-Nitroso-di-n-propylamine	7.14	70	468490	48.98	ng	#	70
20) 3+4-Methylphenols	7.15	107	663230	56.41	ng	#	59
22) Acetophenone	7.13	105	865402	52.41	ng		98
24) Nitrobenzene	7.30	77	683442	47.94	ng		96
25) Isophorone	7.54	82	1297420	50.52	ng		98
26) 2-Nitrophenol	7.62	139	352120	55.35	ng	#	90
27) 2,4-Dimethylphenol	7.66	122	534486	47.85	ng		87
28) bis(2-Chloroethoxy)methane	7.76	93	799022	56.53	ng		98
29) 2,4-Dichlorophenol	7.87	162	506241	52.71	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	548659	51.21	ng		99
31) Naphthalene	8.02	128	1809770	49.99	ng		99
32) Benzoic acid	7.77	122	12679m	10.82	ng		
33) 4-Chloroaniline	8.08	127	164120	11.70	ng		96
34) Hexachlorobutadiene	8.13	225	309195	50.83	ng		98
35) Caprolactam	8.48	113	172474m	58.02	ng		
36) 4-Chloro-3-methylphenol	8.58	107	546464	49.87	ng		92
37) 2-Methylnaphthalene	8.70	142	1083499m	50.72	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	487703	50.22	ng		98
40) Hexachlorocyclopentadiene	8.85	237	470064	103.10	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	336742	54.53	ng		95
43) 2,4,5-Trichlorophenol	9.05	196	358629	55.59	ng		95
45) 1,1'-Biphenyl	9.17	154	1410237	51.41	ng		97
46) 2-Chloronaphthalene	9.20	162	1067006	50.41	ng		96
47) 2-Nitroaniline	9.30	65	366289	48.68	ng	#	74
48) Acenaphthylene	9.61	152	1481861	47.16	ng		99
49) Dimethylphthalate	9.48	163	1493025	59.69	ng		99
50) 2,6-Dinitrotoluene	9.55	165	295790	55.11	ng	#	75
51) Acenaphthene	9.78	154	979246	47.24	ng		99
52) 3-Nitroaniline	9.71	138	155094	25.42	ng	#	71
53) 2,4-Dinitrophenol	9.82	184	144000	70.76	ng		88
54) Dibenzofuran	9.95	168	1275551	49.65	ng		94
55) 4-Nitrophenol	9.90	139	336684	94.64	ng	#	48
56) 2,4-Dinitrotoluene	9.95	165	327883	49.29	ng	#	78
57) Fluorene	10.29	166	1077498	51.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	282406	59.60	ng		97
59) Diethylphthalate	10.18	149	1102996	46.59	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	446506	45.11	ng		98
61) 4-Nitroaniline	10.34	138	270331	46.11	ng	#	76
62) Azobenzene	10.44	77	1303154	49.68	ng		85
64) 4,6-Dinitro-2-methylphenol	10.36	198	181294	58.46	ng		84
65) n-Nitrosodiphenylamine	10.41	169	882835	48.80	ng		100
66) 4-Bromophenyl-phenylether	10.77	248	296645	52.39	ng		96
67) Hexachlorobenzene	10.83	284	339352	49.15	ng	#	65
68) Atrazine	10.94	200	278047	50.15	ng		95
69) Pentachlorophenol	11.04	266	350000	102.67	ng		96
70) Phenanthrene	11.25	178	1567124	51.20	ng		100
71) Anthracene	11.30	178	1455229	45.41	ng		99
72) Carbazole	11.46	167	1280603	46.01	ng		98
73) Di-n-butylphthalate	11.79	149	1586125	48.00	ng	#	98
74) Fluoranthene	12.43	202	1544688	50.36	ng		95
76) Benzidine	12.57	184	195459	24.70	ng		96
77) Pyrene	12.66	202	1569600	57.01	ng		100
79) Butylbenzylphthalate	13.28	149	666993	57.84	ng	#	61
80) Benzo(a)anthracene	13.84	228	1021346	52.29	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	201539	16.42	ng	#	95
82) Chrysene	13.88	228	1145995	55.00	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	866692	64.94	ng	#	94
84) Di-n-octyl phthalate	14.45	149	1546180	78.74	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.53	276	987575	55.24	ng		95
87) Benzo(b)fluoranthene	14.84	252	1234174m	63.54	ng		
88) Benzo(k)fluoranthene	14.88	252	731056m	39.95	ng		
89) Benzo(a)pyrene	15.17	252	906107	50.65	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	819910	47.71	ng	#	94
91) Benzo(g,h,i)perylene	16.92	276	828153	45.90	ng	#	92

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

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