Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087178.D
Acq On : 19 May 2016 8:41
Operator : UM/SJ
Sample : H3120-04MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Manual Integrations APPROVED
sohil
5/19/2016 7:06:37 PM

Quant Time: May 19 12:53:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	131097	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	526463	20.00	ng		-0.03
38) Acenaphthene-d10	9.61	164	241148	20.00	ng		-0.03
63) Phenanthrene-d10	11.10	188	413083	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	258995	20.00	ng		-0.05
86) Perylene-d12	15.06	264	309180	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	402254	51.57	ng		-0.03
7) Phenol-d6	6.25	99	352294	33.68	ng		-0.03
23) Nitrobenzene-d5	7.15	82	857402	81.17	ng		-0.03
41) 2,4,6-Tribromophenol	10.41	330	391744	147.01	ng		-0.03
44) 2-Fluorobiphenyl	8.95	172	1350442	92.75	ng		-0.03
78) Terphenyl-d14	12.67	244	1143739	99.90	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	39160	9.76	ng	#	71
3) Pyridine	2.68	79	89694	9.24	ng	#	60
4) n-Nitrosodimethylamine	2.60	42	95850	13.94	ng	#	50
6) Aniline	6.24	93	326821	24.60	ng		98
8) 2-Chlorophenol	6.36	128	290262	30.59	ng		83
9) Benzaldehyde	6.14	77	22207	2.88	ng		94
10) Phenol	6.26	94	153352	11.66	ng	#	68
11) bis(2-Chloroethyl)ether	6.32	93	320099	32.42	ng	#	83
12) 1,3-Dichlorobenzene	6.51	146	293303m	29.08	ng		
13) 1,4-Dichlorobenzene	6.59	146	306483m	29.69	ng		
14) 1,2-Dichlorobenzene	6.75	146	275387	30.48	ng		96
15) Benzyl Alcohol	6.74	79	227600	29.23	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.87	45	722569	35.60	ng		88
17) 2-Methylphenol	6.88	107	208305	26.73	ng	#	75
18) Hexachloroethane	7.08	117	109473	27.74	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	357376	44.94	ng	#	75
20) 3+4-Methylphenols	7.03	107	276816	26.93	ng	#	62
22) Acetophenone	7.00	105	564598	43.82	ng		97
24) Nitrobenzene	7.18	77	467035	40.49	ng		97
25) Isophorone	7.42	82	847730	43.84	ng		98
26) 2-Nitrophenol	7.50	139	197936	41.43	ng	#	93
27) 2,4-Dimethylphenol	7.55	122	329572	40.42	ng		89
28) bis(2-Chloroethoxy)methane	7.63	93	486656	45.84	ng	#	98
29) 2,4-Dichlorophenol	7.75	162	315937	43.97	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	299976	37.62	ng		99
31) Naphthalene	7.88	128	998752	38.83	ng		99
32) Benzoic acid	7.68	122	49716	10.23	ng	#	79
33) 4-Chloroaniline	7.95	127	387514	36.25	ng	#	88
34) Hexachlorobutadiene	8.01	225	160636	35.50	ng		100
35) Caprolactam	8.35	113	17622	7.37	ng	#	47
36) 4-Chloro-3-methylphenol	8.46	107	358185	41.33	ng		98
37) 2-Methylnaphthalene	8.58	142	771092	46.86	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	316852	44.99	ng		99
40) Hexachlorocyclopentadiene	8.73	237	99601	40.88	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	208935	45.74	ng		96
43) 2,4,5-Trichlorophenol	8.92	196	237991	50.16	ng	#	88
45) 1,1'-Biphenyl	9.05	154	1015378	50.78	ng		99
46) 2-Chloronaphthalene	9.07	162	740323	48.23	ng		99
47) 2-Nitroaniline	9.18	65	287636	48.90	ng	#	71
48) Acenaphthylene	9.47	152	1097892	46.84	ng		98
49) Dimethylphthalate	9.36	163	955673	51.95	ng		100
50) 2,6-Dinitrotoluene	9.43	165	220658	55.24	ng		99
51) Acenaphthene	9.64	154	680077	46.44	ng		98
52) 3-Nitroaniline	9.60	138	168794	39.04	ng		92
53) 2,4-Dinitrophenol	9.71	184	123091	55.33	ng	#	88
54) Dibenzofuran	9.82	168	995959	52.59	ng		91
55) 4-Nitrophenol	9.79	139	67733m	34.90	ng		
56) 2,4-Dinitrotoluene	9.83	165	234934	45.92	ng	#	76
57) Fluorene	10.16	166	719067	47.26	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	204004	55.20	ng		98
59) Diethylphthalate	10.06	149	980718	55.84	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	372013	51.58	ng		93
61) 4-Nitroaniline	10.20	138	188900	44.25	ng	#	65
62) Azobenzene	10.32	77	1107674	54.74	ng		88
64) 4,6-Dinitro-2-methylphenol	10.24	198	98603	36.24	ng	#	60
65) n-Nitrosodiphenylamine	10.28	169	726713	55.90	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	227607	53.58	ng	#	87
67) Hexachlorobenzene	10.71	284	254280	51.63	ng	#	80
68) Atrazine	10.82	200	224578	52.96	ng		95
69) Pentachlorophenol	10.91	266	221091	119.50	ng		98
70) Phenanthrene	11.12	178	1196275	53.40	ng		100
71) Anthracene	11.16	178	1067124	47.09	ng		99
72) Carbazole	11.34	167	1105963	53.43	ng		100
73) Di-n-butylphthalate	11.67	149	1373773	57.78	ng	#	99
74) Fluoranthene	12.30	202	1036907	46.19	ng		96
76) Benzidine	12.43	184	209022	25.68	ng		95
77) Pyrene	12.53	202	1068920	57.13	ng		99
79) Butylbenzylphthalate	13.15	149	500127	63.32	ng	#	84
80) Benzo(a)anthracene	13.70	228	781432	52.18	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	222254	23.32	ng	#	96
82) Chrysene	13.75	228	833613	57.53	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	619088	64.40	ng		98
84) Di-n-octyl phthalate	14.32	149	1042286	62.94	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.31	276	867904	68.24	ng		94
87) Benzo(b)fluoranthene	14.71	252	906123m	44.18	ng		
88) Benzo(k)fluoranthene	14.73	252	781122m	51.15	ng		
89) Benzo(a)pyrene	15.02	252	840968	49.05	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	741184	51.35	ng		96
91) Benzo(g,h,i)perylene	16.67	276	691561	47.43	ng	#	89

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

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