Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094831.D
Acq On : 3 May 2017 12:36
Operator : SJ/MA
Sample : I2921-08MS 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-V10-ESWMS

Manual Integrations APPROVED
mohammad
5/4/2017 1:45:38 PM

Quant Time: May 03 17:44:31 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	61400	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	275286	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	116468	20.00	ng		-0.01
63) Phenanthrene-d10	14.98	188	186317	20.00	ng		0.00
75) Chrysene-d12	18.64	240	157363	20.00	ng		-0.01
86) Perylene-d12	20.31	264	118451	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	132498	35.98	ng		0.00
7) Phenol-d6	7.26	99	160236	36.26	ng		-0.02
23) Nitrobenzene-d5	8.61	82	98521	22.57	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	27920	29.27	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	185766	22.96	ng		-0.01
78) Terphenyl-d14	17.30	244	133904	18.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	18308	10.136	ng		94
3) Pyridine	2.81	79	30070m	7.183	ng		
4) n-Nitrosodimethylamine	2.69	42	17783	10.192	ng		97
6) Aniline	7.22	93	36903	6.615	ng		99
8) 2-Chlorophenol	7.41	128	50012	11.931	ng		98
9) Benzaldehyde	7.05	77	8704	3.226	ng		88
10) Phenol	7.29	94	62096	13.336	ng		89
11) bis(2-Chloroethyl)ether	7.35	93	45417	11.815	ng		98
12) 1,3-Dichlorobenzene	7.63	146	55443	11.660	ng		95
13) 1,4-Dichlorobenzene	7.75	146	52433	10.873	ng		95
14) 1,2-Dichlorobenzene	7.98	146	51429	11.426	ng		96
15) Benzyl Alcohol	8.01	79	31033	10.919	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	58213	10.699	ng		82
17) 2-Methylphenol	8.22	107	39849	11.616	ng		93
18) Hexachloroethane	8.51	117	17258	10.565	ng	#	83
19) n-Nitroso-di-n-propylamine	8.41	70	35365	11.834	ng		94
20) 3+4-Methylphenols	8.48	107	58086	12.461	ng	#	57
22) Acetophenone	8.39	105	73430	11.118	ng	#	85
24) Nitrobenzene	8.65	77	51927	11.348	ng		93
25) Isophorone	9.04	82	89625	11.497	ng		95
26) 2-Nitrophenol	9.16	139	23550	9.538	ng		98
27) 2,4-Dimethylphenol	9.30	122	36978	9.263	ng		96
28) bis(2-Chloroethoxy)methane	9.42	93	57340	10.633	ng		98
29) 2,4-Dichlorophenol	9.60	162	41610	11.039	ng		97
30) 1,2,4-Trichlorobenzene	9.67	180	40566	10.045	ng		98
31) Naphthalene	9.78	128	166307	12.020	ng		98
32) Benzoic acid	9.54	122	8553	8.000	ng	#	42
33) 4-Chloroaniline	9.92	127	28093	5.448	ng	#	91
34) Hexachlorobutadiene	10.00	225	20259	9.508	ng		99
35) Caprolactam	10.47	113	9880	8.729	ng	#	76
36) 4-Chloro-3-methylphenol	10.78	107	40000	9.925	ng		89
37) 2-Methylnaphthalene	10.91	142	110570	12.177	ng		96
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	36392	10.161	ng		98
40) Hexachlorocyclopentadiene	11.17	237	2592	7.647	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	24711	10.333	ng		99
43) 2,4,5-Trichlorophenol	11.51	196	25528	9.932	ng	#	92
45) 1,1'-Biphenyl	11.67	154	108767	11.092	ng		96
46) 2-Chloronaphthalene	11.68	162	83579	10.556	ng		94
47) 2-Nitroaniline	11.90	65	23173	10.693	ng	#	78
48) Acenaphthylene	12.34	152	196055	15.809	ng		98
49) Dimethylphthalate	12.21	163	123615	12.929	ng		100
50) 2,6-Dinitrotoluene	12.30	165	20151	10.330	ng		89
51) Acenaphthene	12.62	154	86333	11.655	ng		95
52) 3-Nitroaniline	12.58	138	17760	8.483	ng	#	88
54) Dibenzofuran	12.91	168	129451	12.629	ng		98
55) 4-Nitrophenol	13.00	139	25913m	20.607	ng		
56) 2,4-Dinitrotoluene	12.97	165	24898	9.933	ng	#	91
57) Fluorene	13.47	166	96970	10.879	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.16	232	17181	10.621	ng	#	95
59) Diethylphthalate	13.36	149	92044	10.044	ng		100
60) 4-Chlorophenyl-phenylether	13.50	204	40117	10.241	ng		90
61) 4-Nitroaniline	13.56	138	14764	7.682	ng		92
62) Azobenzene	13.75	77	81529	11.071	ng		92
64) 4,6-Dinitro-2-methylphenol	13.64	198	1558	1.247	ng		87
65) n-Nitrosodiphenylamine	13.70	169	79441	11.748	ng		97
66) 4-Bromophenyl-phenylether	14.28	248	23249	11.811	ng		98
67) Hexachlorobenzene	14.36	284	22076	10.943	ng	#	82
68) Atrazine	14.61	200	23067	12.082	ng		95
69) Pentachlorophenol	14.72	266	12598	18.663	ng		97
70) Phenanthrene	15.01	178	183510	17.142	ng		98
71) Anthracene	15.09	178	173982	15.910	ng		97
72) Carbazole	15.38	167	122447	12.307	ng		96
73) Di-n-butylphthalate	15.95	149	139569	11.249	ng		99
74) Fluoranthene	16.75	202	395946	36.056	ng		98
77) Pyrene	17.06	202	379074	32.209	ng		99
79) Butylbenzylphthalate	17.97	149	55071	10.060	ng		89
80) Benzo(a)anthracene	18.63	228	226097	24.687	ng		95
81) 3,3'-Dichlorobenzidine	18.62	252	8269	2.614	ng		97
82) Chrysene	18.68	228	227710	25.714	ng		99
83) Bis(2-ethylhexyl)phthalate	18.71	149	86840	11.134	ng		100
84) Di-n-octyl phthalate	19.48	149	127587	9.978	ng	#	97
85) Indeno(1,2,3-cd)pyrene	21.60	276	104645	14.551	ng		97
87) Benzo(b)fluoranthene	19.90	252	229156	31.309	ng		97
88) Benzo(k)fluoranthene	19.93	252	132917	18.826	ng		97
89) Benzo(a)pyrene	20.25	252	154179	22.828	ng		98
90) Dibenzo(a,h)anthracene	21.61	278	64819	11.621	ng		97
91) Benzo(g,h,i)perylene	21.97	276	91218	16.665	ng		97

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

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