Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
Data File : BF099486.D
Acq On : 14 Oct 2017 19:37
Operator : SJ/JU
Sample : I5865-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLEANSAND-11MS

Manual Integrations APPROVED
Sohil
10/15/2017 12:41:26 PM

Quant Time: Oct 15 00:16:49 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 23:44:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95411	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	392345	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	178276	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	306124	20.00	ng		0.00
75) Chrysene-d12	14.02	240	180001	20.00	ng		0.00
86) Perylene-d12	15.49	264	148195	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	692500	115.54	ng		0.01
7) Phenol-d6	6.50	99	832311	112.57	ng		0.00
23) Nitrobenzene-d5	7.42	82	500763	81.85	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	167321	114.70	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	931101	87.19	ng		0.00
78) Terphenyl-d14	12.96	244	739920	93.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	87983	30.73	ng		96
3) Pyridine	3.47	79	209037	26.99	ng		92
4) n-Nitrosodimethylamine	3.41	42	97375	29.65	ng		85
6) Aniline	6.52	93	231941	23.24	ng		98
8) 2-Chlorophenol	6.65	128	243085	35.81	ng		93
9) Benzaldehyde	6.41	77	76231	17.77	ng		94
10) Phenol	6.51	94	334926	40.50	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	226548	35.24	ng		97
12) 1,3-Dichlorobenzene	6.79	146	261460	36.78	ng		97
13) 1,4-Dichlorobenzene	6.87	146	260464	36.01	ng		99
14) 1,2-Dichlorobenzene	7.02	146	241216	36.10	ng		99
15) Benzyl Alcohol	7.00	79	183279	33.79	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	318416	31.79	ng		92
17) 2-Methylphenol	7.11	107	199618	35.94	ng		99
18) Hexachloroethane	7.36	117	92639	35.64	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	151407	32.07	ng		94
20) 3+4-Methylphenols	7.26	107	242036	34.45	ng	#	67
22) Acetophenone	7.26	105	316067	33.25	ng	#	96
24) Nitrobenzene	7.44	77	242633	34.96	ng		95
25) Isophorone	7.67	82	442243	34.96	ng		98
26) 2-Nitrophenol	7.76	139	135984	40.75	ng	#	85
27) 2,4-Dimethylphenol	7.79	122	212398	33.70	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	287818	36.51	ng		98
29) 2,4-Dichlorophenol	8.00	162	202176	37.36	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	204729	37.83	ng		98
31) Naphthalene	8.16	128	689042	37.39	ng		100
32) Benzoic acid	7.91	122	77857	15.04	ng		98
33) 4-Chloroaniline	8.21	127	118614	15.41	ng		96
34) Hexachlorobutadiene	8.27	225	103418	37.10	ng		100
35) Caprolactam	8.59	113	62907m	36.24	ng		
36) 4-Chloro-3-methylphenol	8.70	107	207313	34.09	ng		94
37) 2-Methylnaphthalene	8.85	142	478480	39.94	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	190928	35.91	ng		99
40) Hexachlorocyclopentadiene	9.00	237	109731	45.16	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	125795	33.40	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	131014	34.84	ng		97
45) 1,1'-Biphenyl	9.31	154	554085	36.16	ng		100
46) 2-Chloronaphthalene	9.34	162	432493	37.60	ng		97
47) 2-Nitroaniline	9.44	65	123572	35.08	ng		99
48) Acenaphthylene	9.76	152	653516	37.11	ng		99
49) Dimethylphthalate	9.61	163	655228	48.70	ng		99
50) 2,6-Dinitrotoluene	9.68	165	110955	37.88	ng		93
51) Acenaphthene	9.93	154	385079	34.52	ng		99
52) 3-Nitroaniline	9.85	138	79400	23.25	ng		95
53) 2,4-Dinitrophenol	9.97	184	54679	39.07	ng		88
54) Dibenzofuran	10.10	168	574319	38.67	ng		99
55) 4-Nitrophenol	10.02	139	117385	40.64	ng		94
56) 2,4-Dinitrotoluene	10.09	165	141310	37.17	ng		96
57) Fluorene	10.44	166	453713	38.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	96225	37.05	ng		97
59) Diethylphthalate	10.31	149	480735	36.56	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	205826	38.38	ng		99
61) 4-Nitroaniline	10.47	138	119238	36.19	ng		90
62) Azobenzene	10.59	77	460424	38.09	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	51755	27.79	ng		87
65) n-Nitrosodiphenylamine	10.55	169	400607	37.78	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	117955	39.36	ng	#	89
67) Hexachlorobenzene	10.99	284	119323	37.28	ng		97
68) Atrazine	11.07	200	124486	39.01	ng		99
69) Pentachlorophenol	11.19	266	74703	37.51	ng		100
70) Phenanthrene	11.40	178	636697	38.86	ng		100
71) Anthracene	11.46	178	665547	39.70	ng		100
72) Carbazole	11.62	167	594380	36.20	ng		99
73) Di-n-butylphthalate	11.93	149	741847	37.54	ng		98
74) Fluoranthene	12.59	202	625253	37.68	ng		99
76) Benzidine	12.72	184	194643	29.24	ng		97
77) Pyrene	12.82	202	627988	45.75	ng		99
79) Butylbenzylphthalate	13.43	149	274710	42.59	ng		98
80) Benzo(a)anthracene	14.01	228	428500	39.31	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	85798	21.47	ng		97
82) Chrysene	14.05	228	409876	39.50	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	347871	39.16	ng	#	99
84) Di-n-octyl phthalate	14.59	149	496923	34.74	ng		95
85) Indeno(1,2,3-cd)pyrene	16.99	276	395766	47.68	ng		96
87) Benzo(b)fluoranthene	15.06	252	331584	36.39	ng		98
88) Benzo(k)fluoranthene	15.09	252	347122	38.57	ng		99
89) Benzo(a)pyrene	15.43	252	330130	39.47	ng		97
90) Dibenzo(a,h)anthracene	16.99	278	325570	48.64	ng		97
91) Benzo(g,h,i)perylene	17.43	276	344660	52.09	ng		95

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

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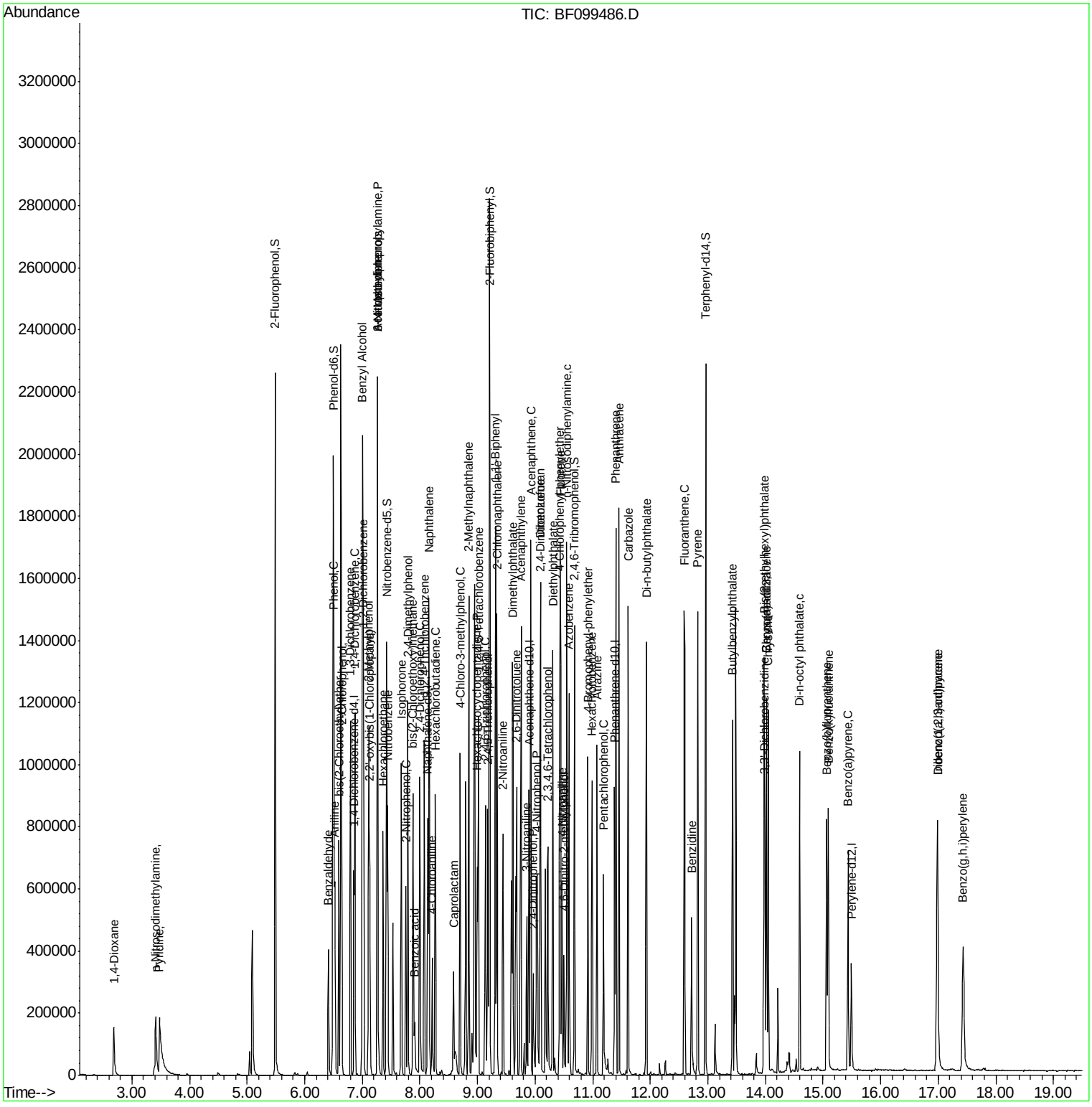
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