Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088706.D
Acq On : 5 Jul 2016 16:44
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
sohil
7/6/2016 7:19:09 PM

Quant Time: Jul 06 01:44:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	97517	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	431089	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	202190	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	381639	20.00	ng		0.00
75) Chrysene-d12	13.92	240	264789	20.00	ng		0.00
86) Perylene-d12	15.30	264	234990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	511368	78.59	ng		0.00
7) Phenol-d6	6.41	99	649003	77.19	ng		0.00
23) Nitrobenzene-d5	7.35	82	629869	76.57	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	168683	89.84	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1001433	78.24	ng		0.00
78) Terphenyl-d14	12.87	244	871973	73.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	114522	35.50	ng	#	37
3) Pyridine	3.00	79	332151	35.48	ng		93
4) n-Nitrosodimethylamine	2.97	42	122188	34.17	ng		84
6) Aniline	6.43	93	462389	37.74	ng	#	61
8) 2-Chlorophenol	6.56	128	270897	38.74	ng		100
9) Benzaldehyde	6.32	77	196574	34.52	ng		87
10) Phenol	6.43	94	342597	35.70	ng	#	39
11) bis(2-Chloroethyl)ether	6.51	93	258321	36.10	ng		93
12) 1,3-Dichlorobenzene	6.72	146	311005	40.41	ng		99
13) 1,4-Dichlorobenzene	6.80	146	321322	42.07	ng		99
14) 1,2-Dichlorobenzene	6.95	146	273905m	38.31	ng		
15) Benzyl Alcohol	6.92	79	253544	40.97	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	355978	34.35	ng		90
17) 2-Methylphenol	7.04	107	229198	40.18	ng		97
18) Hexachloroethane	7.29	117	118612	40.14	ng	#	84
19) n-Nitroso-di-n-propylamine	7.20	70	199269	35.28	ng		93
20) 3+4-Methylphenols	7.20	107	299105	43.68	ng		90
22) Acetophenone	7.19	105	401195	38.34	ng	#	85
24) Nitrobenzene	7.36	77	294159	35.47	ng	#	80
25) Isophorone	7.61	82	590199	38.73	ng		99
26) 2-Nitrophenol	7.68	139	146213	42.99	ng		95
27) 2,4-Dimethylphenol	7.72	122	272468	38.46	ng		89
28) bis(2-Chloroethoxy)methane	7.82	93	353951	35.69	ng	#	94
29) 2,4-Dichlorophenol	7.92	162	217169	37.93	ng		94
30) 1,2,4-Trichlorobenzene	8.01	180	262930	41.85	ng		98
31) Naphthalene	8.09	128	891237	41.94	ng		99
32) Benzoic acid	7.86	122	197598	38.42	ng		93
33) 4-Chloroaniline	8.14	127	390939	41.34	ng		99
34) Hexachlorobutadiene	8.20	225	133331	39.63	ng		99
35) Caprolactam	8.51	113	79841	41.06	ng		93
36) 4-Chloro-3-methylphenol	8.62	107	257775	38.08	ng		89
37) 2-Methylnaphthalene	8.78	142	559404	40.88	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	293606	43.66	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	129505	39.23	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	160675	36.24	ng		96
43) 2,4,5-Trichlorophenol	9.10	196	170560	44.71	ng		99
45) 1,1'-Biphenyl	9.24	154	707626	42.26	ng		97
46) 2-Chloronaphthalene	9.27	162	541164	41.17	ng		94
47) 2-Nitroaniline	9.36	65	199728	42.82	ng		89
48) Acenaphthylene	9.68	152	887959	42.46	ng		99
49) Dimethylphthalate	9.54	163	529941	36.79	ng		99
50) 2,6-Dinitrotoluene	9.60	165	118541	37.13	ng	#	47
51) Acenaphthene	9.85	154	550737	42.96	ng		98
52) 3-Nitroaniline	9.77	138	175046	43.13	ng		99
53) 2,4-Dinitrophenol	9.87	184	70094	49.73	ng	#	90
54) Dibenzofuran	10.02	168	703984	41.96	ng		96
55) 4-Nitrophenol	9.93	139	137287	44.51	ng	#	86
56) 2,4-Dinitrotoluene	10.00	165	152726	36.59	ng	#	51
57) Fluorene	10.35	166	511145	39.53	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	126264	42.78	ng	#	49
59) Diethylphthalate	10.24	149	553983	38.32	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	238599	39.71	ng		96
61) 4-Nitroaniline	10.38	138	140517	35.98	ng		84
62) Azobenzene	10.51	77	663461	40.24	ng		95
64) 4,6-Dinitro-2-methylphenol	10.41	198	98872	48.44	ng	#	79
65) n-Nitrosodiphenylamine	10.47	169	490267	37.96	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	162334	42.21	ng		95
67) Hexachlorobenzene	10.90	284	157236	36.93	ng		94
68) Atrazine	11.00	200	171023	42.49	ng		96
69) Pentachlorophenol	11.10	266	99328	39.42	ng		97
70) Phenanthrene	11.31	178	743465	35.64	ng		99
71) Anthracene	11.37	178	838475	40.42	ng		98
72) Carbazole	11.52	167	724425	37.10	ng		99
73) Di-n-butylphthalate	11.86	149	954055	42.01	ng		99
74) Fluoranthene	12.49	202	743136	35.14	ng		96
76) Benzidine	12.62	184	511627	38.23	ng		99
77) Pyrene	12.72	202	768145	34.21	ng		100
79) Butylbenzylphthalate	13.35	149	385087	38.45	ng	#	84
80) Benzo(a)anthracene	13.91	228	640751	37.58	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	254389	39.68	ng	#	99
82) Chrysene	13.94	228	603321	35.77	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	478226	41.83	ng		98
84) Di-n-octyl phthalate	14.51	149	875465	45.07	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	493510	38.03	ng	#	100
87) Benzo(b)fluoranthene	14.91	252	555473m	37.68	ng		
88) Benzo(k)fluoranthene	14.94	252	521045m	40.60	ng		
89) Benzo(a)pyrene	15.25	252	494380	39.61	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	420581	40.36	ng		99
91) Benzo(g,h,i)perylene	17.04	276	426526	39.55	ng		96

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

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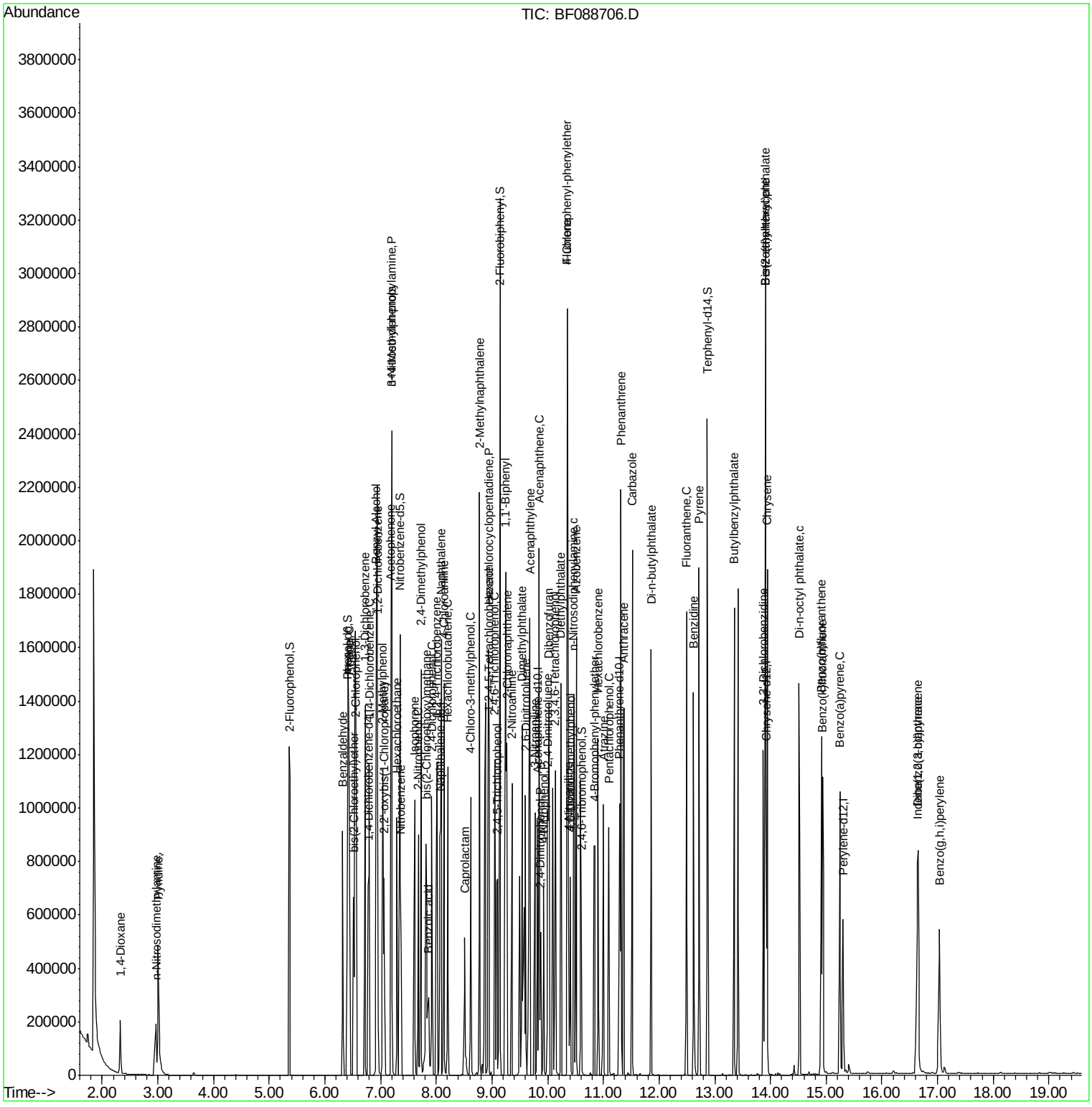
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