Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011921\
Data File : BF123013.D
Acq On : 19 Jan 2021 11:18
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 19 15:58:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	186397	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	815469	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	406824	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	596144	20.00	ng		0.00
76) Chrysene-d12	14.09	240	479350	20.00	ng		0.01
86) Perylene-d12	15.57	264	251635	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	634789	51.48	ng		0.00
7) Phenol-d6	6.53	99	1172908	70.77	ng		0.00
23) Nitrobenzene-d5	7.47	82	1224669	77.28	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	334748	72.76	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1928705	66.39	ng		0.00
79) Terphenyl-d14	13.03	244	1881859	71.98	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	179854	30.031	ng	#	63
3) Pyridine	3.47	79	557798	34.413	ng	#	53
4) n-Nitrosodimethylamine	3.43	42	338289	46.753	ng	#	59
6) Aniline	6.56	93	839951	42.016	ng		93
8) 2-Chlorophenol	6.69	128	538191	41.329	ng		88
9) Benzaldehyde	6.45	77	320113	38.939	ng		86
10) Phenol	6.54	94	563567	33.860	ng		96
11) bis(2-Chloroethyl)ether	6.64	93	553728	41.091	ng		90
12) 1,3-Dichlorobenzene	6.85	146	549601	36.467	ng	#	94
13) 1,4-Dichlorobenzene	6.92	146	545569	35.952	ng		96
14) 1,2-Dichlorobenzene	7.07	146	539249	38.091	ng		96
15) Benzyl Alcohol	7.04	79	511843	43.816	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1098864	46.783	ng		88
17) 2-Methylphenol	7.15	107	436783	39.541	ng		98
18) Hexachloroethane	7.42	117	228248	41.613	ng	#	84
19) n-Nitroso-di-n-propylamine	7.32	70	402430	40.991	ng	#	79
20) 3+4-Methylphenols	7.30	107	536573	38.833	ng		89
22) Acetophenone	7.31	105	698276	34.048	ng	#	89
24) Nitrobenzene	7.49	77	622415	38.324	ng		96
25) Isophorone	7.72	82	1025597	36.274	ng		98
26) 2-Nitrophenol	7.80	139	274652	37.434	ng	#	89
27) 2,4-Dimethylphenol	7.83	122	427014	36.549	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	676683	35.402	ng		100
29) 2,4-Dichlorophenol	8.04	162	430997	35.335	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	450138	34.643	ng		98
31) Naphthalene	8.21	128	1508170	35.972	ng		100
32) Benzoic acid	7.95	122	371929	37.890	ng		96
33) 4-Chloroaniline	8.25	127	638301	34.902	ng	#	93
34) Hexachlorobutadiene	8.33	225	250351	35.251	ng		97
35) Caprolactam	8.63	113	144880	34.946	ng	#	59
36) 4-Chloro-3-methylphenol	8.73	107	487064	37.542	ng		94
37) 2-Methylnaphthalene	8.90	142	1015345	35.110	ng		99
38) 1-Methylnaphthalene	9.00	142	975885	35.730	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	385624	34.528	ng	#	97
41) Hexachlorocyclopentadiene	9.06	237	203140	37.443	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	299409	35.964	ng		98
44) 2,4,5-Trichlorophenol	9.22	196	299955	35.510	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.36	154	1150860	34.785	ng		98
47) 2-Chloronaphthalene	9.39	162	985604	35.703	ng		99
48) 2-Nitroaniline	9.48	65	381416	40.537	ng	#	77
49) Acenaphthylene	9.81	152	1471129	36.529	ng		99
50) Dimethylphthalate	9.67	163	1085096	34.364	ng		100
51) 2,6-Dinitrotoluene	9.72	165	241904	35.025	ng	#	67
52) Acenaphthene	9.98	154	935536	35.938	ng		99
53) 3-Nitroaniline	9.89	138	301817	35.354	ng		86
54) 2,4-Dinitrophenol	9.99	184	109435	37.657	ng	#	57
55) Dibenzofuran	10.15	168	1278023	35.221	ng		97
56) 4-Nitrophenol	10.04	139	234294	37.231	ng	#	73
57) 2,4-Dinitrotoluene	10.13	165	326541	36.756	ng		94
58) Fluorene	10.50	166	957145	33.724	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.27	232	239234	35.485	ng	#	78
60) Diethylphthalate	10.36	149	1084477	35.338	ng		97
61) 4-Chlorophenyl-phenylether	10.49	204	426702	33.434	ng		90
62) 4-Nitroaniline	10.51	138	298633	35.460	ng		98
63) Azobenzene	10.65	77	1151563	37.503	ng		89
65) 4,6-Dinitro-2-methylphenol	10.53	198	128479	38.266	ng	#	55
66) n-Nitrosodiphenylamine	10.60	169	846388	38.031	ng		99
67) 4-Bromophenyl-phenylether	10.98	248	289548	39.726	ng		98
68) Hexachlorobenzene	11.05	284	326722	39.202	ng	#	92
69) Atrazine	11.13	200	233477	39.402	ng		99
70) Pentachlorophenol	11.23	266	182546	41.644	ng		99
71) Phenanthrene	11.46	178	1293471	36.206	ng		100
72) Anthracene	11.51	178	1370204	38.807	ng		99
73) Carbazole	11.66	167	1372518	40.103	ng		99
74) Di-n-butylphthalate	12.00	149	1537996	37.975	ng		100
75) Fluoranthene	12.65	202	1384608	38.311	ng		97
77) Benzidine	12.77	184	516225	40.670	ng		100
78) Pyrene	12.89	202	1381367	35.988	ng		98
80) Butylbenzylphthalate	13.50	149	661859	38.475	ng		93
81) Benzo(a)anthracene	14.08	228	1136138	35.414	ng		97
82) 3,3'-Dichlorobenzidine	14.04	252	392109	37.335	ng	#	97
83) Chrysene	14.12	228	1113171	34.404	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	867285	37.817	ng		100
85) Di-n-octyl phthalate	14.69	149	1429154	38.527	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.08	276	839796	52.974	ng	#	93
88) Benzo(b)fluoranthene	15.17	252	959186	56.480	ng		98
89) Benzo(k)fluoranthene	15.17	252	959186	55.087	ng		99
90) Benzo(a)pyrene	15.52	252	571083	37.222	ng	#	97
91) Dibenzo(a,h)anthracene	17.10	278	681862	52.497	ng	#	96
92) Benzo(g,h,i)perylene	17.54	276	626823	49.855	ng	#	95

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

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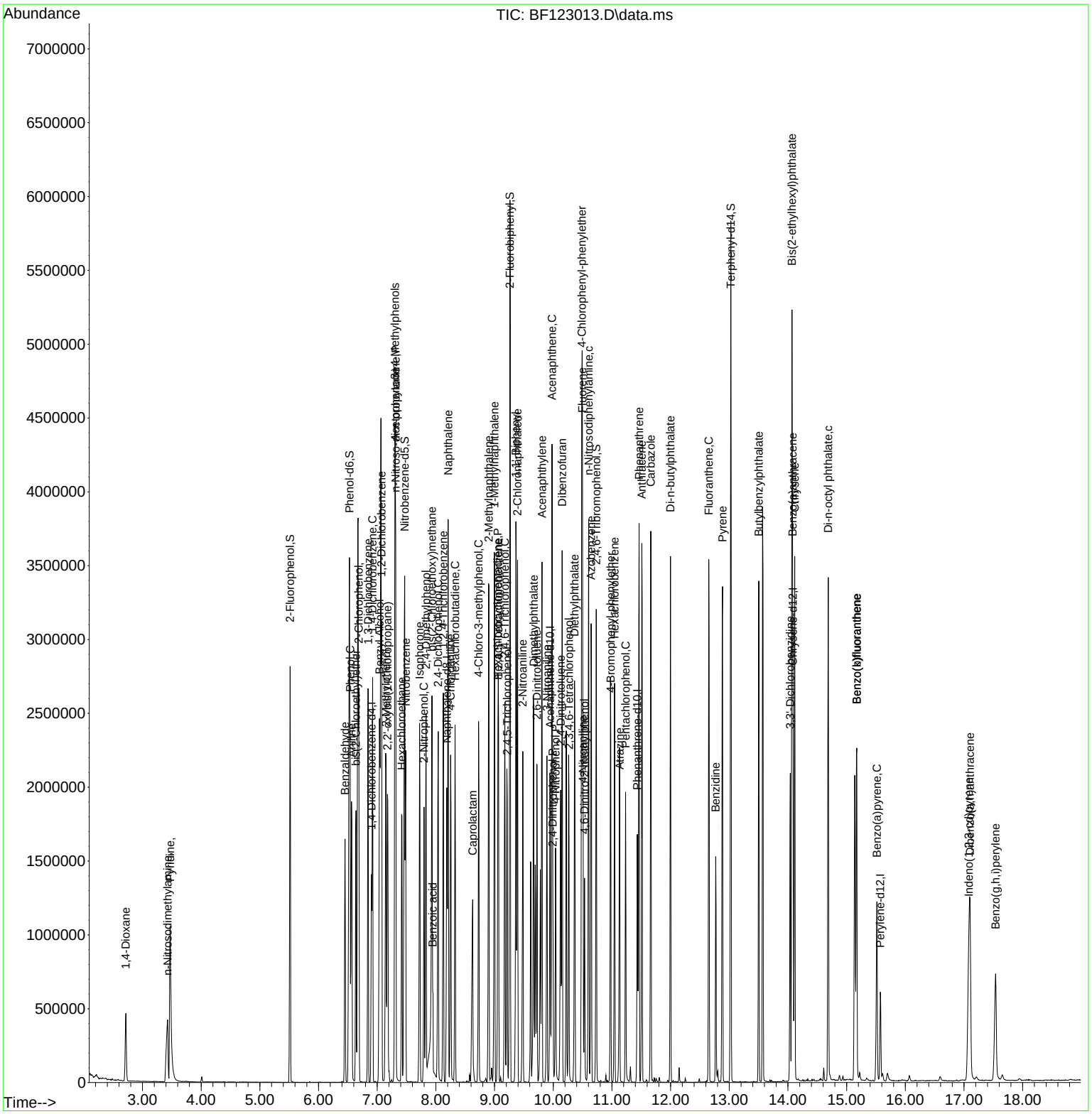

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng

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