Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110420\
Data File : BG047209.D
Acq On : 4 Nov 2020 12:34
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
11/5/2020 11:31:44 AM

Quant Time: Nov 04 14:04:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 14:01:38 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.008	152	52085	20.00	ng		0.00
21) Naphthalene-d8	10.817	136	203925	20.00	ng	#	0.00
39) Acenaphthene-d10	14.642	164	143848	20.00	ng		0.00
64) Phenanthrene-d10	17.386	188	332899	20.00	ng	#	0.00
76) Chrysene-d12	21.645	240	353853	20.00	ng	#	0.00
86) Perylene-d12	24.836	264	372066	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.564	112	135649	42.24	ng		0.00
7) Phenol-d6	7.156	99	190887	41.41	ng		0.00
23) Nitrobenzene-d5	9.166	82	190300	39.92	ng		0.00
42) 2,4,6-Tribromophenol	16.128	330	92229	38.58	ng		0.00
45) 2-Fluorobiphenyl	13.267	172	454478	40.01	ng		0.00
79) Terphenyl-d14	19.994	244	827313	40.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.443	88	33238	20.90	ng	#	96
3) Pyridine	3.843	79	89557	20.95	ng		94
4) n-Nitrosodimethylamine	3.755	42	42572	19.80	ng	#	72
6) Aniline	7.327	93	111094	19.93	ng		94
8) 2-Chlorophenol	7.568	128	70787	21.06	ng		89
9) Benzaldehyde	7.139	77	69654	21.49	ng		88
10) Phenol	7.186	94	91926	20.83	ng		78
11) bis(2-Chloroethyl)ether	7.421	93	73013	20.75	ng		96
12) 1,3-Dichlorobenzene	7.897	146	90720	20.25	ng	#	92
13) 1,4-Dichlorobenzene	8.044	146	90192	20.05	ng		96
14) 1,2-Dichlorobenzene	8.361	146	88756	20.85	ng		93
15) Benzyl Alcohol	8.243	79	74348	20.89	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.531	45	110523	19.99	ng		99
17) 2-Methylphenol	8.443	107	61808	20.99	ng	#	86
18) Hexachloroethane	9.095	117	33501	20.12	ng		95
19) n-Nitroso-di-n-propyla...	8.807	70	62810	19.96	ng		91
20) 3+4-Methylphenols	8.772	107	80623	19.68	ng		92
22) Acetophenone	8.825	105	116210	19.51	ng	#	89
24) Nitrobenzene	9.207	77	96531	19.94	ng	#	86
25) Isophorone	9.730	82	161062	19.37	ng	#	90
26) 2-Nitrophenol	9.924	139	40154	19.13	ng	#	75
27) 2,4-Dimethylphenol	9.977	122	55378	19.65	ng		98
28) bis(2-Chloroethoxy)met...	10.218	93	97770	19.45	ng		98
29) 2,4-Dichlorophenol	10.458	162	76178	19.47	ng		96
30) 1,2,4-Trichlorobenzene	10.676	180	94893	19.88	ng		99
31) Naphthalene	10.870	128	232676	19.63	ng		98
32) Benzoic acid	10.077	122	35525	19.52	ng		89
33) 4-Chloroaniline	10.970	127	98244	20.18	ng		93
34) Hexachlorobutadiene	11.152	225	71230	19.95	ng		96
35) Caprolactam	11.722	113	24183	21.85	ng	#	82
36) 4-Chloro-3-methylphenol	12.086	107	77398	19.29	ng		91
37) 2-Methylnaphthalene	12.468	142	175060	19.86	ng	#	91
38) 1-Methylnaphthalene	12.691	142	162540	19.16	ng		99
40) 1,2,4,5-Tetrachloroben...	12.838	216	113519	19.97	ng		97
41) Hexachlorocyclopentadiene	12.815	237	58035	19.71	ng		93
43) 2,4,6-Trichlorophenol	13.073	196	73077	20.05	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.144	196	73123	19.57	ng	#	94
46) 1,1'-Biphenyl	13.473	154	233793	19.80	ng		98
47) 2-Chloronaphthalene	13.520	162	192309	19.70	ng		97
48) 2-Nitroaniline	13.713	65	63569	19.79	ng	#	75
49) Acenaphthylene	14.366	152	277840	19.68	ng		97
50) Dimethylphthalate	14.089	163	246924	19.27	ng		97
51) 2,6-Dinitrotoluene	14.213	165	54402	20.12	ng	#	84
52) Acenaphthene	14.706	154	178327	19.56	ng		98
53) 3-Nitroaniline	14.542	138	51888	19.93	ng		89
54) 2,4-Dinitrophenol	14.748	184	28834	20.38	ng	#	73
55) Dibenzofuran	15.041	168	294951	19.88	ng		97
56) 4-Nitrophenol	14.842	139	38994	20.03	ng	#	59
57) 2,4-Dinitrotoluene	14.994	165	74759	19.59	ng	#	82
58) Fluorene	15.688	166	228932	19.36	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.265	232	74984m	19.11	ng		
60) Diethylphthalate	15.453	149	243991	19.36	ng		99
61) 4-Chlorophenyl-phenyle...	15.676	204	137584	19.61	ng		98
62) 4-Nitroaniline	15.699	138	54625	19.50	ng	#	71
63) Azobenzene	15.970	77	220714	19.51	ng		90
65) 4,6-Dinitro-2-methylph...	15.764	198	43074	23.10	ng		89
66) n-Nitrosodiphenylamine	15.893	169	209179	20.30	ng		96
67) 4-Bromophenyl-phenylether	16.575	248	93752	20.05	ng		95
68) Hexachlorobenzene	16.692	284	101913	20.04	ng		96
69) Atrazine	16.839	200	88067	19.81	ng		96
70) Pentachlorophenol	17.033	266	54281	26.02	ng		96
71) Phenanthrene	17.427	178	390121	20.13	ng		95
72) Anthracene	17.521	178	379963	20.21	ng		96
73) Carbazole	17.785	167	328031	19.85	ng		98
74) Di-n-butylphthalate	18.343	149	405281	19.88	ng	#	98
75) Fluoranthene	19.436	202	490655	19.81	ng		95
77) Benzidine	19.612	184	239915	20.02	ng		97
78) Pyrene	19.795	202	499209	20.04	ng		96
80) Butylbenzylphthalate	20.682	149	181685	19.30	ng		93
81) Benzo(a)anthracene	21.628	228	501717	20.13	ng		97
82) 3,3'-Dichlorobenzidine	21.540	252	171334	20.07	ng	#	95
83) Chrysene	21.692	228	480544	20.04	ng		98
84) Bis(2-ethylhexyl)phtha...	21.528	149	258875	19.88	ng		93
85) Di-n-octyl phthalate	22.726	149	442301	20.18	ng		96
87) Indeno(1,2,3-cd)pyrene	28.467	276	558998	19.76	ng	#	90
88) Benzo(b)fluoranthene	23.825	252	496635	19.50	ng	#	97
89) Benzo(k)fluoranthene	23.884	252	505158	20.38	ng	#	94
90) Benzo(a)pyrene	24.689	252	472474	19.89	ng	#	96
91) Dibenzo(a,h)anthracene	28.526	278	451254	19.88	ng	#	95
92) Benzo(g,h,i)perylene	29.595	276	446484	19.71	ng	#	93

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

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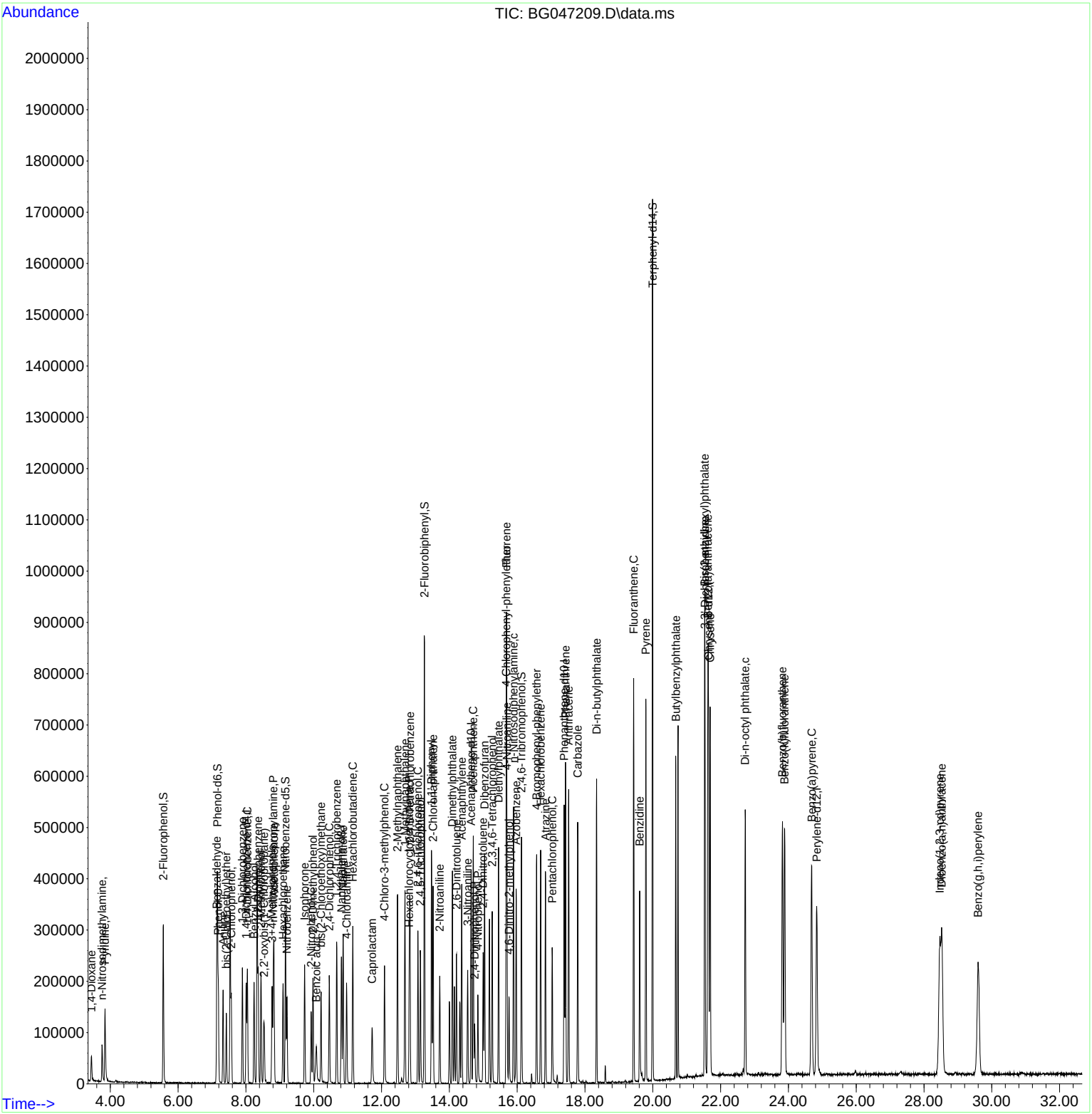
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