Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092622\
Data File : BG055023.D
Acq On : 26 Sep 2022 10:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 05:34:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 17:41:40 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.058	152	45635	20.000	ng		0.00
21) Naphthalene-d8	10.884	136	179792	20.000	ng	#	0.00
39) Acenaphthene-d10	14.703	164	128372	20.000	ng		0.00
64) Phenanthrene-d10	17.447	188	293717	20.000	ng		0.00
76) Chrysene-d12	21.724	240	282502	20.000	ng		0.00
86) Perylene-d12	25.026	264	308093	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.596	112	183499	78.678	ng		0.00
7) Phenol-d6	7.218	99	256854	82.164	ng		0.00
23) Nitrobenzene-d5	9.239	82	249520	80.441	ng		0.00
42) 2,4,6-Tribromophenol	16.196	330	119295	79.325	ng		0.00
45) 2-Fluorobiphenyl	13.322	172	671431	82.429	ng		0.00
79) Terphenyl-d14	20.050	244	1075386	79.628	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	39832	35.154	ng	#	84
3) Pyridine	3.822	79	120059	38.994	ng	#	84
4) n-Nitrosodimethylamine	3.740	42	41891	37.290	ng		79
6) Aniline	7.376	93	158714	40.593	ng		95
8) 2-Chlorophenol	7.623	128	111561	40.608	ng		94
9) Benzaldehyde	7.188	77	76279m	38.302	ng		
10) Phenol	7.247	94	141002	41.622	ng		93
11) bis(2-Chloroethyl)ether	7.471	93	107451	40.104	ng		93
12) 1,3-Dichlorobenzene	7.946	146	127308	39.728	ng		96
13) 1,4-Dichlorobenzene	8.093	146	130306	39.900	ng		98
14) 1,2-Dichlorobenzene	8.416	146	124446	40.442	ng		97
15) Benzyl Alcohol	8.299	79	94712	41.425	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.581	45	123712	37.674	ng		92
17) 2-Methylphenol	8.510	107	99728	41.761	ng		98
18) Hexachloroethane	9.145	117	44057	39.249	ng		92
19) n-Nitroso-di-n-propyla...	8.863	70	87448	40.642	ng	#	88
20) 3+4-Methylphenols	8.839	107	140406	42.032	ng		96
22) Acetophenone	8.886	105	174956	41.174	ng	#	93
24) Nitrobenzene	9.280	77	125724	40.453	ng		94
25) Isophorone	9.797	82	238580	40.510	ng		96
26) 2-Nitrophenol	9.991	139	68419	41.812	ng		95
27) 2,4-Dimethylphenol	10.044	122	97027	42.002	ng		96
28) bis(2-Chloroethoxy)met...	10.279	93	136485	41.146	ng		99
29) 2,4-Dichlorophenol	10.537	162	119178	43.217	ng		96
30) 1,2,4-Trichlorobenzene	10.743	180	133511	42.012	ng		97
31) Naphthalene	10.931	128	385262	40.981	ng		100
32) Benzoic acid	10.414	122	8944m	14.218	ng		
33) 4-Chloroaniline	11.043	127	159097	41.529	ng		96
34) Hexachlorobutadiene	11.201	225	89540	42.424	ng		97
35) Caprolactam	11.824	113	39919	39.726	ng	#	73
36) 4-Chloro-3-methylphenol	12.171	107	121372	41.212	ng		100
37) 2-Methylnaphthalene	12.535	142	276963	41.354	ng		98
38) 1-Methylnaphthalene	12.753	142	271635	41.469	ng		98
40) 1,2,4,5-Tetrachloroben...	12.899	216	159742	42.554	ng	#	98
41) Hexachlorocyclopentadiene	12.870	237	11227	30.750	ng		96
43) 2,4,6-Trichlorophenol	13.146	196	90383	41.906	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.223	196	104171	42.065	ng		97
46)	1,1'-Biphenyl	13.534	154	357757	41.305	ng		98
47)	2-Chloronaphthalene	13.587	162	277664	41.007	ng		98
48)	2-Nitroaniline	13.793	65	78628	39.573	ng		85
49)	Acenaphthylene	14.427	152	461748	40.354	ng		99
50)	Dimethylphthalate	14.151	163	385970	39.705	ng		99
51)	2,6-Dinitrotoluene	14.280	165	82467	39.902	ng	#	81
52)	Acenaphthene	14.768	154	286450m	40.630	ng		
53)	3-Nitroaniline	14.615	138	88922	39.659	ng		91
54)	2,4-Dinitrophenol	14.832	184	18285	35.075	ng		95
55)	Dibenzofuran	15.097	168	447723	40.425	ng		97
56)	4-Nitrophenol	14.938	139	45330	34.886	ng		88
57)	2,4-Dinitrotoluene	15.073	165	117439	39.948	ng	#	78
58)	Fluorene	15.749	166	371632	39.534	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.332	232	86173	37.967	ng	#	96
60)	Diethylphthalate	15.502	149	371326	38.260	ng		96
61)	4-Chlorophenyl-phenyle...	15.731	204	194211	40.888	ng		95
62)	4-Nitroaniline	15.778	138	91362	39.124	ng		90
63)	Azobenzene	16.025	77	307753	38.770	ng		91
65)	4,6-Dinitro-2-methylph...	15.837	198	57135	39.218	ng		88
66)	n-Nitrosodiphenylamine	15.949	169	331370	42.197	ng		99
67)	4-Bromophenyl-phenylether	16.630	248	137531	42.457	ng		94
68)	Hexachlorobenzene	16.748	284	155904	41.900	ng		95
69)	Atrazine	16.889	200	118816	39.862	ng		99
70)	Pentachlorophenol	17.112	266	26404	35.936	ng		95
71)	Phenanthrene	17.494	178	605428	40.474	ng		99
72)	Anthracene	17.582	178	589486	40.397	ng		100
73)	Carbazole	17.852	167	534087	39.974	ng		100
74)	Di-n-butylphthalate	18.387	149	646938	39.039	ng		99
75)	Fluoranthene	19.503	202	744487	39.295	ng		98
77)	Benzidine	19.680	184	218323	31.192	ng		100
78)	Pyrene	19.862	202	758791	40.858	ng		99
80)	Butylbenzylphthalate	20.731	149	285298	39.535	ng		88
81)	Benzo(a)anthracene	21.707	228	740081	40.733	ng		100
82)	3,3'-Dichlorobenzidine	21.619	252	250439	39.736	ng		97
83)	Chrysene	21.777	228	705456	40.561	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.583	149	415890	40.180	ng	#	97
85)	Di-n-octyl phthalate	22.805	149	711797	39.774	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	28.851	276	921708	40.241	ng	#	95
88)	Benzo(b)fluoranthene	23.975	252	750040	41.274	ng		99
89)	Benzo(k)fluoranthene	24.045	252	751815	40.982	ng		98
90)	Benzo(a)pyrene	24.874	252	640027	40.903	ng		98
91)	Dibenzo(a,h)anthracene	28.904	278	756212	40.108	ng		98
92)	Benzo(g,h,i)perylene	30.050	276	761526	40.063	ng		97

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

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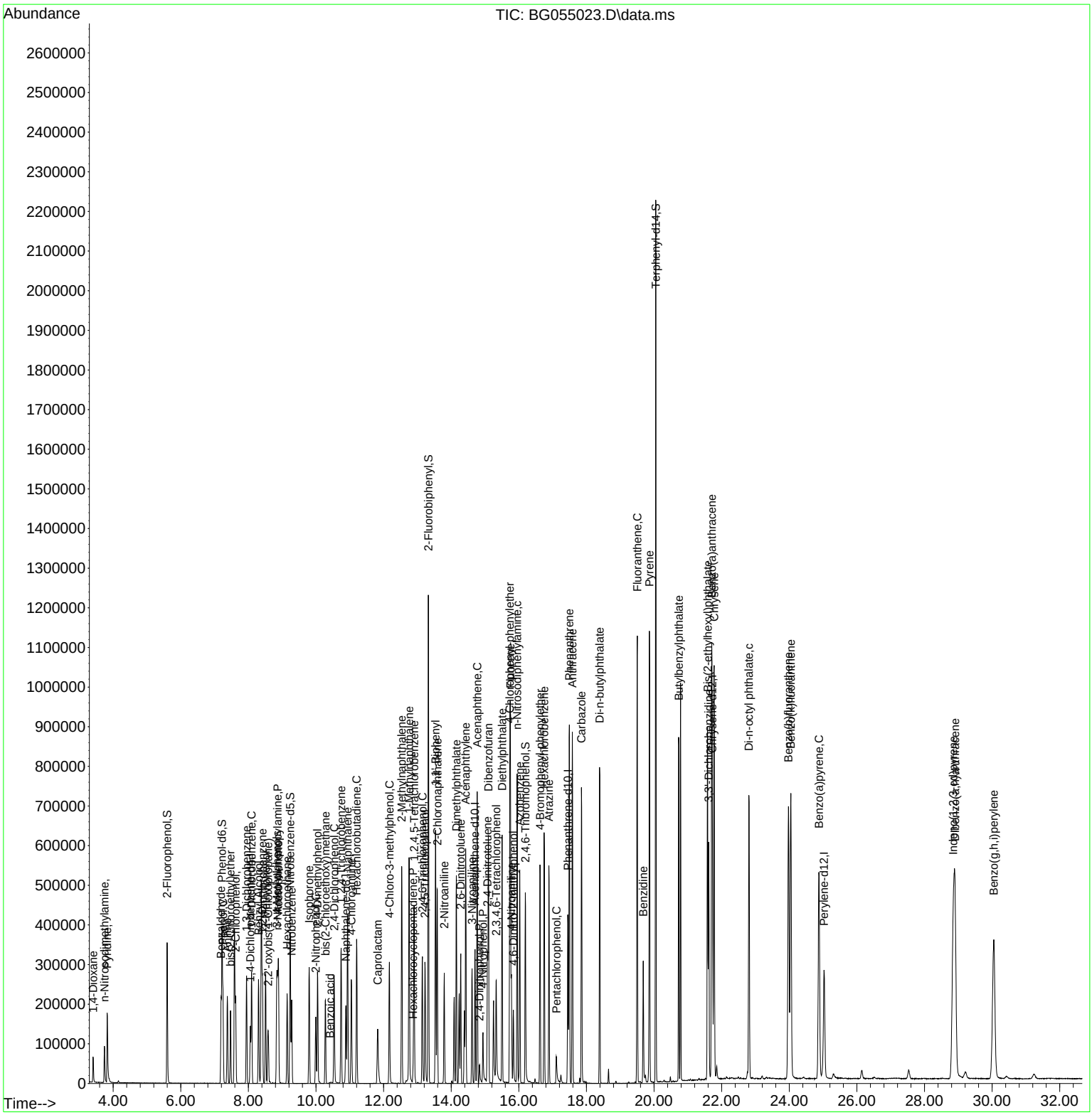
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