Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061188.D
Acq On : 14 May 2024 13:30
Operator : MA/JU
Sample : PB160889BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 14 19:30:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160889BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Supervised By :mohammad ahmed
05/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.929	152	20767	20.000	ng		-0.03
21) Naphthalene-d8	10.725	136	83668	20.000	ng		#-0.03
39) Acenaphthene-d10	14.562	164	71443	20.000	ng		-0.03
64) Phenanthrene-d10	17.312	188	183201	20.000	ng		-0.02
76) Chrysene-d12	21.566	240	190356	20.000	ng		#-0.03
86) Perylene-d12	24.686	264	217352	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	171661	168.110	ng		-0.02
7) Phenol-d6	7.112	99	225089	149.010	ng		-0.02
23) Nitrobenzene-d5	9.086	82	145994	86.500	ng		-0.03
42) 2,4,6-Tribromophenol	16.055	330	181585	127.159	ng		-0.02
45) 2-Fluorobiphenyl	13.181	172	411470	85.165	ng		-0.03
79) Terphenyl-d14	19.926	244	940887	82.205	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	13224	32.029	ng		92
3) Pyridine	3.822	79	37310	30.710	ng		94
4) n-Nitrosodimethylamine	3.740	42	43649	37.394	ng	#	88
6) Aniline	7.253	93	50806	33.927	ng	#	90
8) 2-Chlorophenol	7.500	128	64399	51.406	ng		97
9) Benzaldehyde	7.071	77	24841	28.588	ng		94
10) Phenol	7.136	94	79055	51.462	ng		96
11) bis(2-Chloroethyl)ether	7.353	93	49267	46.424	ng		98
12) 1,3-Dichlorobenzene	7.817	146	62241	42.144	ng		95
13) 1,4-Dichlorobenzene	7.964	146	64431	42.212	ng		96
14) 1,2-Dichlorobenzene	8.281	146	65869	44.729	ng		95
15) Benzyl Alcohol	8.170	79	62927	46.180	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.446	45	116794m	50.719	ng		
17) 2-Methylphenol	8.381	107	54780	50.040	ng		93
18) Hexachloroethane	9.004	117	22218	40.794	ng		94
19) n-Nitroso-di-n-propyla...	8.734	70	47862	42.338	ng	#	94
20) 3+4-Methylphenols	8.704	107	74548	47.200	ng		98
22) Acetophenone	8.751	105	94040	45.132	ng	#	93
24) Nitrobenzene	9.127	77	69439	42.055	ng		93
25) Isophorone	9.650	82	128695	41.250	ng	#	94
26) 2-Nitrophenol	9.838	139	33399	42.694	ng		93
27) 2,4-Dimethylphenol	9.903	122	47270	52.412	ng		89
28) bis(2-Chloroethoxy)met...	10.132	93	67734	44.236	ng		97
29) 2,4-Dichlorophenol	10.379	162	64454	45.611	ng		92
30) 1,2,4-Trichlorobenzene	10.590	180	70994	41.695	ng		98
31) Naphthalene	10.778	128	177149	40.739	ng		98
32) Benzoic acid	10.062	122	28662m	27.491	ng		
33) 4-Chloroaniline	10.884	127	40586m	23.403	ng		
34) Hexachlorobutadiene	11.060	225	58518	40.054	ng		98
35) Caprolactam	11.660	113	21467m	42.183	ng		
36) 4-Chloro-3-methylphenol	12.018	107	71781	42.125	ng		96
37) 2-Methylnaphthalene	12.382	142	129401	39.712	ng		98
38) 1-Methylnaphthalene	12.606	142	121037	36.897	ng		97
40) 1,2,4,5-Tetrachloroben...	12.753	216	111480	46.756	ng		94
41) Hexachlorocyclopentadiene	12.729	237	95843	105.007	ng		96
43) 2,4,6-Trichlorophenol	12.993	196	66875	43.689	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	72561	41.884	ng	95
46) 1,1'-Biphenyl	13.393	154	203310	44.383	ng	97
47) 2-Chloronaphthalene	13.434	162	151759	41.373	ng	96
48) 2-Nitroaniline	13.640	65	63678	46.783	ng	96
49) Acenaphthylene	14.280	152	257877	45.773	ng	99
50) Dimethylphthalate	14.016	163	233641	42.340	ng	99
51) 2,6-Dinitrotoluene	14.139	165	49337	41.800	ng	91
52) Acenaphthene	14.627	154	144617	41.149	ng	98
53) 3-Nitroaniline	14.462	138	31429	29.101	ng	94
54) 2,4-Dinitrophenol	14.686	184	63416	75.910	ng	96
55) Dibenzofuran	14.962	168	258416	43.531	ng	99
56) 4-Nitrophenol	14.797	139	70585	80.872	ng	96
57) 2,4-Dinitrotoluene	14.932	165	74663	42.756	ng	93
58) Fluorene	15.608	166	212453	41.359	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.191	232	74636	41.851	ng	99
60) Diethylphthalate	15.379	149	231532	41.608	ng	100
61) 4-Chlorophenyl-phenyle...	15.602	204	131749	42.714	ng	97
62) 4-Nitroaniline	15.631	138	48534	41.435	ng	94
63) Azobenzene	15.896	77	192319	44.397	ng	96
65) 4,6-Dinitro-2-methylph...	15.696	198	49608	43.643	ng	96
66) n-Nitrosodiphenylamine	15.820	169	198731	43.744	ng	96
67) 4-Bromophenyl-phenylether	16.495	248	94710	43.885	ng	93
68) Hexachlorobenzene	16.619	284	113028	42.078	ng	98
69) Atrazine	16.771	200	92398	49.317	ng	99
70) Pentachlorophenol	16.965	266	113702	68.901	ng	98
71) Phenanthrene	17.353	178	377514	45.067	ng	99
72) Anthracene	17.441	178	380634	45.538	ng	99
73) Carbazole	17.711	167	323792	44.058	ng	98
74) Di-n-butylphthalate	18.275	149	392341	44.896	ng	99
75) Fluoranthene	19.362	202	498969	43.480	ng	98
77) Benzidine	19.545	184	109129	31.168	ng	97
78) Pyrene	19.727	202	511758	42.287	ng	99
80) Butylbenzylphthalate	20.614	149	168363	43.949	ng	99
81) Benzo(a)anthracene	21.548	228	547068	43.919	ng	99
82) 3,3'-Dichlorobenzidine	21.466	252	137721	30.722	ng	99
83) Chrysene	21.613	228	512390	43.905	ng	99
84) Bis(2-ethylhexyl)phtha...	21.466	149	227001	45.378	ng	99
85) Di-n-octyl phthalate	22.641	149	391818	44.395	ng	99
87) Indeno(1,2,3-cd)pyrene	28.234	276	667888	46.367	ng	98
88) Benzo(b)fluoranthene	23.698	252	530893	43.710	ng	98
89) Benzo(k)fluoranthene	23.769	252	521934	44.668	ng	98
90) Benzo(a)pyrene	24.545	252	494294	46.713	ng	99
91) Dibenzo(a,h)anthracene	28.287	278	546292	45.796	ng	98
92) Benzo(g,h,i)perylene	29.345	276	501375	42.295	ng	98

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

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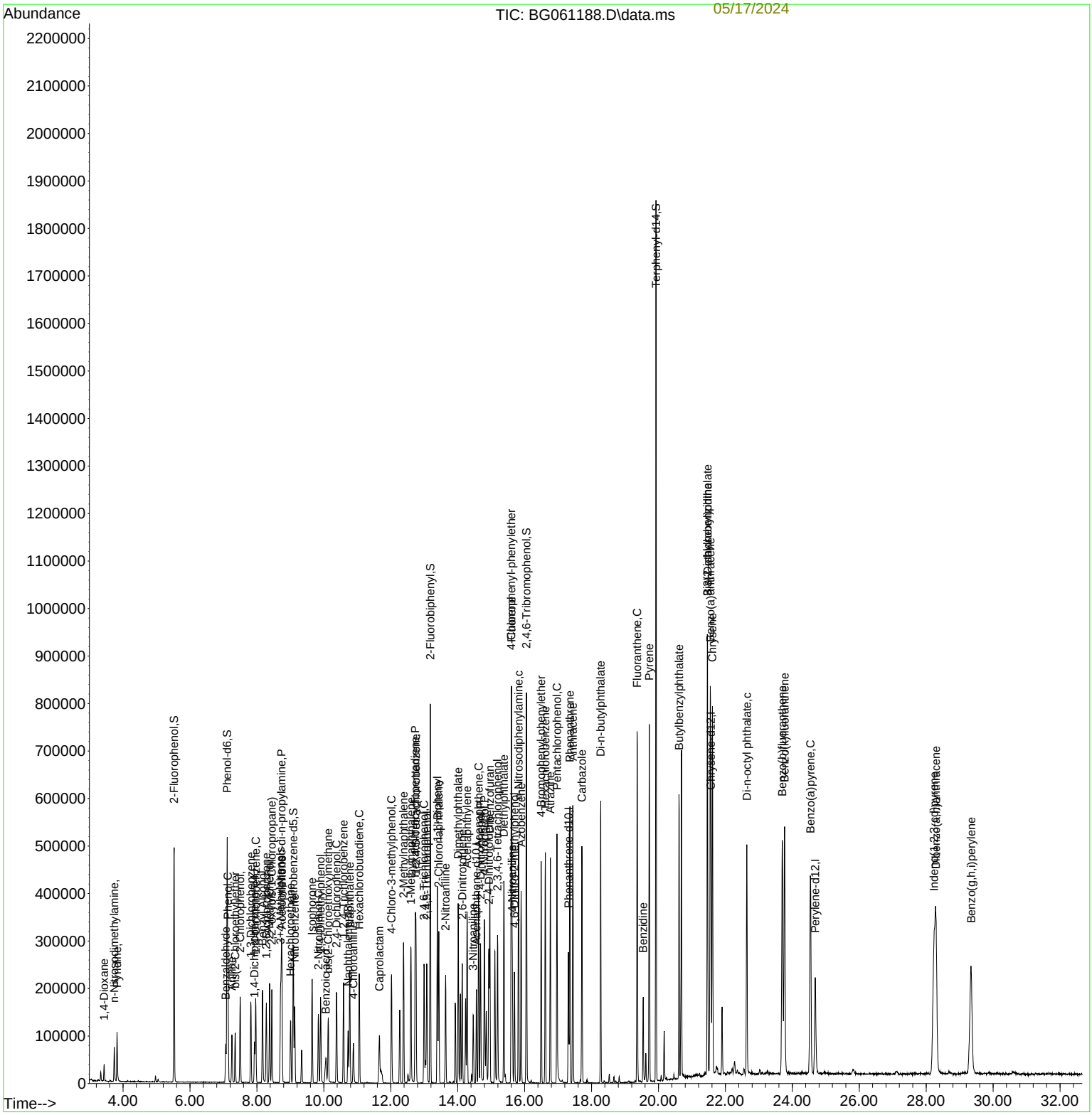
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