Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
Data File : BE101368.D
Acq On : 18 Sep 2024 17:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

Quant Time: Sep 18 18:31:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 17 16:03:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.576	152	159927	20.000	ng		0.00
21) Naphthalene-d8	10.343	136	787168	20.000	ng		0.00
39) Acenaphthene-d10	14.186	164	583393	20.000	ng		0.00
64) Phenanthrene-d10	16.924	188	1373726	20.000	ng		0.00
76) Chrysene-d12	21.083	240	1537507	20.000	ng		0.00
86) Perylene-d12	23.375	264	1938420	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.320	112	731285	79.950	ng		0.00
7) Phenol-d6	6.953	99	1036260	79.917	ng		0.00
23) Nitrobenzene-d5	8.786	82	1045095	84.172	ng		0.00
42) 2,4,6-Tribromophenol	15.690	330	837888	85.390	ng		0.00
45) 2-Fluorobiphenyl	12.811	172	2690917	79.707	ng		0.00
79) Terphenyl-d14	19.515	244	4674835	67.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	139660	40.099	ng		99
3) Pyridine	3.651	79	414792m	41.344	ng		
4) n-Nitrosodimethylamine	3.563	42	160640m	44.566	ng		
6) Aniline	7.018	93	467319	42.957	ng		99
8) 2-Chlorophenol	7.217	128	441308	40.151	ng		99
9) Benzaldehyde	6.783	77	278244	46.690	ng		95
10) Phenol	6.976	94	582531	40.872	ng		99
11) bis(2-Chloroethyl)ether	7.041	93	460314	38.162	ng		98
12) 1,3-Dichlorobenzene	7.458	146	461045	39.030	ng		98
13) 1,4-Dichlorobenzene	7.605	146	468977	38.966	ng		98
14) 1,2-Dichlorobenzene	7.940	146	466182	39.090	ng		97
15) Benzyl Alcohol	7.911	79	344932	44.675	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.075	45	587411	38.639	ng		99
17) 2-Methylphenol	8.157	107	383257	40.583	ng		99
18) Hexachloroethane	8.633	117	160333	40.734	ng		98
19) n-Nitroso-di-n-propyla...	8.381	70	372287	40.680	ng		98
20) 3+4-Methylphenols	8.492	107	538941	40.558	ng		97
22) Acetophenone	8.428	105	743959	40.757	ng	#	100
24) Nitrobenzene	8.827	77	550998	41.566	ng		99
25) Isophorone	9.280	82	1036269	40.769	ng		100
26) 2-Nitrophenol	9.515	139	269765	43.120	ng		99
27) 2,4-Dimethylphenol	9.632	122	333031	41.465	ng		99
28) bis(2-Chloroethoxy)met...	9.779	93	619918	40.320	ng		100
29) 2,4-Dichlorophenol	10.061	162	454638	41.337	ng		99
30) 1,2,4-Trichlorobenzene	10.190	180	472671	39.765	ng		99
31) Naphthalene	10.390	128	1587624	39.972	ng		99
32) Benzoic acid	9.891	122	327852	39.779	ng		98
33) 4-Chloroaniline	10.619	127	635364	41.812	ng		99
34) Hexachlorobutadiene	10.643	225	275822	39.940	ng		99
35) Caprolactam	11.401	113	200337m	45.088	ng		
36) 4-Chloro-3-methylphenol	11.788	107	542060	41.710	ng		99
37) 2-Methylnaphthalene	11.982	142	1163480	40.054	ng		99
38) 1-Methylnaphthalene	12.206	142	1165678	40.000	ng		99
40) 1,2,4,5-Tetrachloroben...	12.335	216	554822	39.479	ng		100
41) Hexachlorocyclopentadiene	12.323	237	195684	42.377	ng		99
43) 2,4,6-Trichlorophenol	12.658	196	409818	41.176	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.758	196	465146	41.421	ng	99
46) 1,1'-Biphenyl	13.011	154	1554436	39.319	ng	99
47) 2-Chloronaphthalene	13.058	162	1236104	39.748	ng	99
48) 2-Nitroaniline	13.392	65	378764	45.269	ng	98
49) Acenaphthylene	13.915	152	1891897	40.771	ng	99
50) Dimethylphthalate	13.692	163	1678362	39.869	ng	100
51) 2,6-Dinitrotoluene	13.827	165	397301	42.172	ng	98
52) Acenaphthene	14.250	154	1221798	39.943	ng	98
53) 3-Nitroaniline	14.238	138	436213	45.012	ng	100
54) 2,4-Dinitrophenol	14.368	184	244623	43.619	ng	95
55) Dibenzofuran	14.591	168	1944574	40.247	ng	99
56) 4-Nitrophenol	14.656	139	376422	46.722	ng	99
57) 2,4-Dinitrotoluene	14.609	165	568048	44.292	ng	96
58) Fluorene	15.231	166	1654741	40.647	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.855	232	443541	41.766	ng	100
60) Diethylphthalate	15.020	149	1802116	41.262	ng	100
61) 4-Chlorophenyl-phenyle...	15.214	204	802095	40.167	ng	99
62) 4-Nitroaniline	15.425	138	478836	47.412	ng	99
63) Azobenzene	15.513	77	1532506	41.061	ng	99
65) 4,6-Dinitro-2-methylph...	15.355	198	329448	42.234	ng	99
66) n-Nitrosodiphenylamine	15.466	169	1449337	39.581	ng	100
67) 4-Bromophenyl-phenylether	16.101	248	562102	39.387	ng	100
68) Hexachlorobenzene	16.207	284	725838	39.354	ng	100
69) Atrazine	16.401	200	461987	38.207	ng	99
70) Pentachlorophenol	16.612	266	479500	43.512	ng	99
71) Phenanthrene	16.965	178	2631667	40.336	ng	100
72) Anthracene	17.053	178	2608057	41.078	ng	100
73) Carbazole	17.382	167	2716811	41.757	ng	99
74) Di-n-butylphthalate	17.828	149	3091016	43.268	ng	99
75) Fluoranthene	18.968	202	3263472	41.550	ng	100
77) Benzidine	19.233	184	1963883	76.962	ng	100
78) Pyrene	19.338	202	3421747	40.015	ng	100
80) Butylbenzylphthalate	20.190	149	1597332	42.198	ng	99
81) Benzo(a)anthracene	21.066	228	3471536	40.206	ng	99
82) 3,3'-Dichlorobenzidine	21.042	252	1504033	44.456	ng	98
83) Chrysene	21.125	228	3271315	39.440	ng	99
84) Bis(2-ethylhexyl)phtha...	20.895	149	2158453	43.118	ng	100
85) Di-n-octyl phthalate	21.741	149	3455800	42.291	ng	100
87) Indeno(1,2,3-cd)pyrene	25.713	276	5225389	40.916	ng	99
88) Benzo(b)fluoranthene	22.664	252	4010384	39.946	ng	99
89) Benzo(k)fluoranthene	22.711	252	3869191	40.834	ng	100
90) Benzo(a)pyrene	23.269	252	3628204	40.950	ng	100
91) Dibenzo(a,h)anthracene	25.702	278	4393754	41.094	ng	99
92) Benzo(g,h,i)perylene	26.459	276	4433002	40.833	ng	99

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

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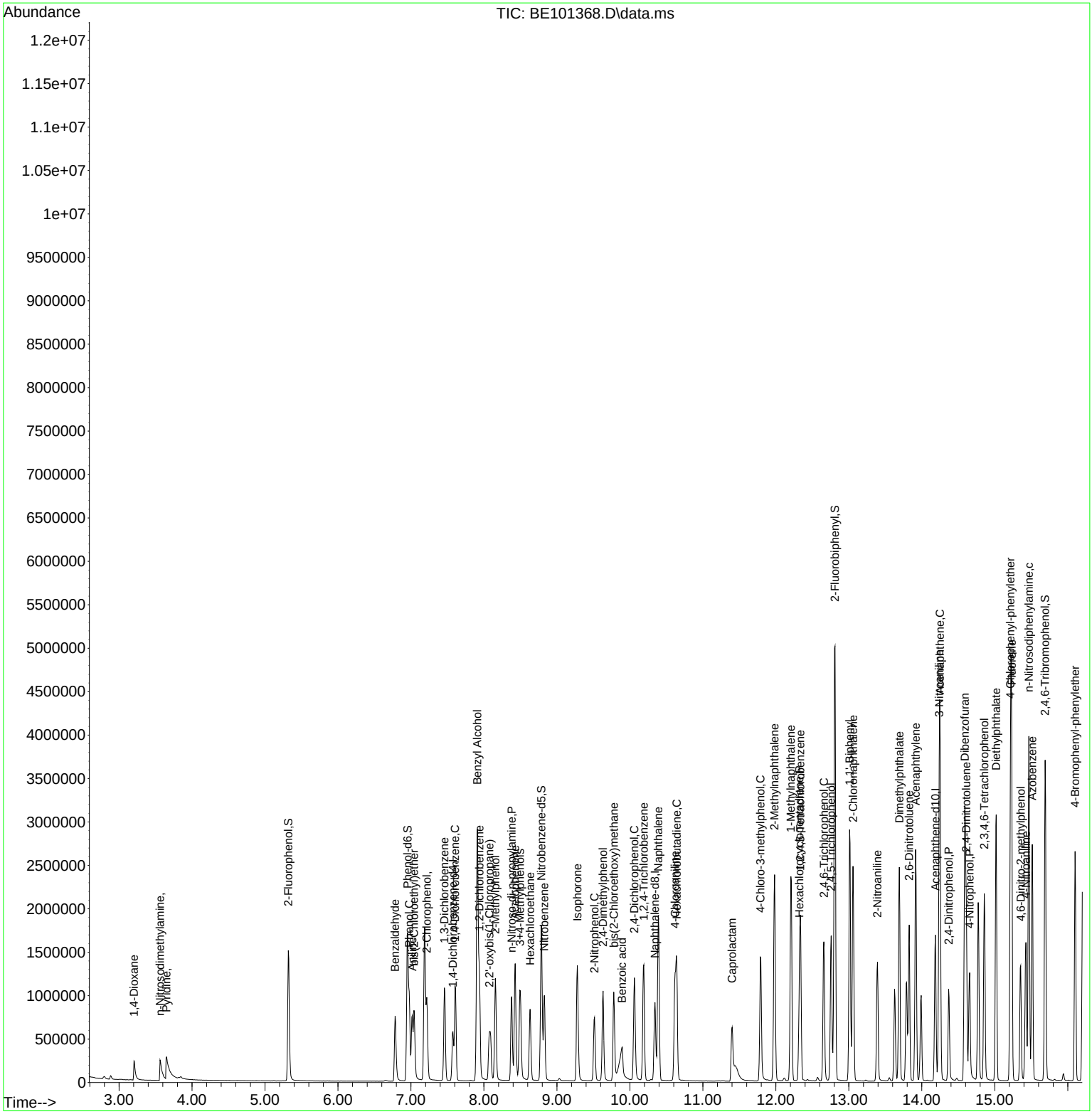

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