Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091724\
Data File : BE101348.D
Acq On : 17 Sep 2024 12:08
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 15:45:11 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 15:24:04 2024
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	168771	20.000	ng	0.00
21) Naphthalene-d8	10.343	136	869339	20.000	ng	0.00
39) Acenaphthene-d10	14.186	164	646242	20.000	ng	0.00
64) Phenanthrene-d10	16.924	188	1449612	20.000	ng	0.00
76) Chrysene-d12	21.084	240	1544295	20.000	ng	0.00
86) Perylene-d12	23.375	264	1943790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.326	112	772282	80.007	ng	0.00
7) Phenol-d6	6.953	99	1123520	82.106	ng	0.00
23) Nitrobenzene-d5	8.786	82	1128326	82.285	ng	0.00
42) 2,4,6-Tribromophenol	15.696	330	890414	81.918	ng	0.00
45) 2-Fluorobiphenyl	12.811	172	2994651	80.078	ng	0.00
79) Terphenyl-d14	19.515	244	4735458	67.993	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	143908	39.153	ng	100
3) Pyridine	3.663	79	443656m	41.514	ng	
4) n-Nitrosodimethylamine	3.569	42	153192	40.066	ng	100
6) Aniline	7.018	93	453439	39.497	ng	100
8) 2-Chlorophenol	7.218	128	464780	40.071	ng	100
9) Benzaldehyde	6.789	77	265657	42.242	ng	100
10) Phenol	6.982	94	621644	41.331	ng	100
11) bis(2-Chloroethyl)ether	7.047	93	540667	42.470	ng	100
12) 1,3-Dichlorobenzene	7.464	146	490266	39.329	ng	100
13) 1,4-Dichlorobenzene	7.611	146	500944	39.441	ng	100
14) 1,2-Dichlorobenzene	7.940	146	497493	39.529	ng	100
15) Benzyl Alcohol	7.917	79	355034	43.573	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.087	45	636690	39.686	ng	100
17) 2-Methylphenol	8.158	107	409894	41.129	ng	100
18) Hexachloroethane	8.633	117	166836	40.165	ng	100
19) n-Nitroso-di-n-propyla...	8.381	70	413431	42.809	ng	100
20) 3+4-Methylphenols	8.498	107	584639	41.691	ng	100
22) Acetophenone	8.428	105	824250	40.887	ng	100
24) Nitrobenzene	8.827	77	596612	40.753	ng	100
25) Isophorone	9.280	82	1168791	41.636	ng	100
26) 2-Nitrophenol	9.515	139	290488	42.044	ng	100
27) 2,4-Dimethylphenol	9.632	122	364924	41.142	ng	100
28) bis(2-Chloroethoxy)met...	9.779	93	694821	40.921	ng	100
29) 2,4-Dichlorophenol	10.067	162	502004	41.329	ng	100
30) 1,2,4-Trichlorobenzene	10.190	180	518340	39.485	ng	100
31) Naphthalene	10.390	128	1740219	39.673	ng	100
32) Benzoic acid	9.897	122	350397	38.730	ng	100
33) 4-Chloroaniline	10.619	127	696525	41.505	ng	100
34) Hexachlorobutadiene	10.643	225	301813	39.572	ng	100
35) Caprolactam	11.407	113	210663	42.695	ng	100
36) 4-Chloro-3-methylphenol	11.794	107	595362	41.481	ng	100
37) 2-Methylnaphthalene	11.983	142	1289049	40.182	ng	100
38) 1-Methylnaphthalene	12.212	142	1293967	40.205	ng	100
40) 1,2,4,5-Tetrachloroben...	12.341	216	617241	39.649	ng	100
41) Hexachlorocyclopentadiene	12.323	237	216368	42.300	ng	100
43) 2,4,6-Trichlorophenol	12.658	196	454409	41.216	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.758	196	510296	41.023	ng	100
46) 1,1'-Biphenyl	13.017	154	1739116	39.713	ng	100
47) 2-Chloronaphthalene	13.058	162	1371902	39.825	ng	100
48) 2-Nitroaniline	13.393	65	401913	43.364	ng	100
49) Acenaphthylene	13.916	152	2063430	40.143	ng	100
50) Dimethylphthalate	13.692	163	1845486	39.576	ng	100
51) 2,6-Dinitrotoluene	13.827	165	428365	41.048	ng	100
52) Acenaphthene	14.250	154	1346242	39.731	ng	100
53) 3-Nitroaniline	14.239	138	451848	42.091	ng	100
54) 2,4-Dinitrophenol	14.374	184	259751	41.812	ng	100
55) Dibenzofuran	14.591	168	2113518	39.489	ng	100
56) 4-Nitrophenol	14.656	139	376907	42.232	ng	100
57) 2,4-Dinitrotoluene	14.615	165	595237	41.898	ng	100
58) Fluorene	15.232	166	1799369	39.901	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.861	232	477570	40.597	ng	100
60) Diethylphthalate	15.020	149	1940810	40.116	ng	100
61) 4-Chlorophenyl-phenyle...	15.214	204	878969	39.736	ng	100
62) 4-Nitroaniline	15.426	138	483780	43.243	ng	100
63) Azobenzene	15.514	77	1665210	40.278	ng	100
65) 4,6-Dinitro-2-methylph...	15.355	198	341013	41.428	ng	100
66) n-Nitrosodiphenylamine	15.467	169	1569978	40.631	ng	100
67) 4-Bromophenyl-phenylether	16.101	248	609431	40.468	ng	100
68) Hexachlorobenzene	16.207	284	791166	40.650	ng	100
69) Atrazine	16.401	200	511682	40.102	ng	100
70) Pentachlorophenol	16.618	266	499151	42.925	ng	100
71) Phenanthrene	16.965	178	2772943	40.276	ng	100
72) Anthracene	17.053	178	2738871	40.880	ng	100
73) Carbazole	17.382	167	2781719	40.516	ng	100
74) Di-n-butylphthalate	17.829	149	3134517	41.580	ng	100
75) Fluoranthene	18.968	202	3342854	40.333	ng	100
77) Benzidine	19.227	184	1208909	47.241	ng	100
78) Pyrene	19.339	202	3477216	40.485	ng	100
80) Butylbenzylphthalate	20.191	149	1588872	41.790	ng	100
81) Benzo(a)anthracene	21.066	228	3512211	40.498	ng	100
82) 3,3'-Dichlorobenzidine	21.042	252	1466224	43.148	ng	100
83) Chrysene	21.119	228	3301127	39.625	ng	100
84) Bis(2-ethylhexyl)phtha...	20.896	149	2135983	42.481	ng	100
85) Di-n-octyl phthalate	21.742	149	3413165	41.586	ng	100
87) Indeno(1,2,3-cd)pyrene	25.708	276	5212044	40.699	ng	100
88) Benzo(b)fluoranthene	22.664	252	4041388	40.144	ng	100
89) Benzo(k)fluoranthene	22.711	252	3840994	40.424	ng	100
90) Benzo(a)pyrene	23.269	252	3612587	40.661	ng	100
91) Dibenzo(a,h)anthracene	25.702	278	4432650	41.343	ng	100
92) Benzo(g,h,i)perylene	26.454	276	4418688	40.588	ng	100

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

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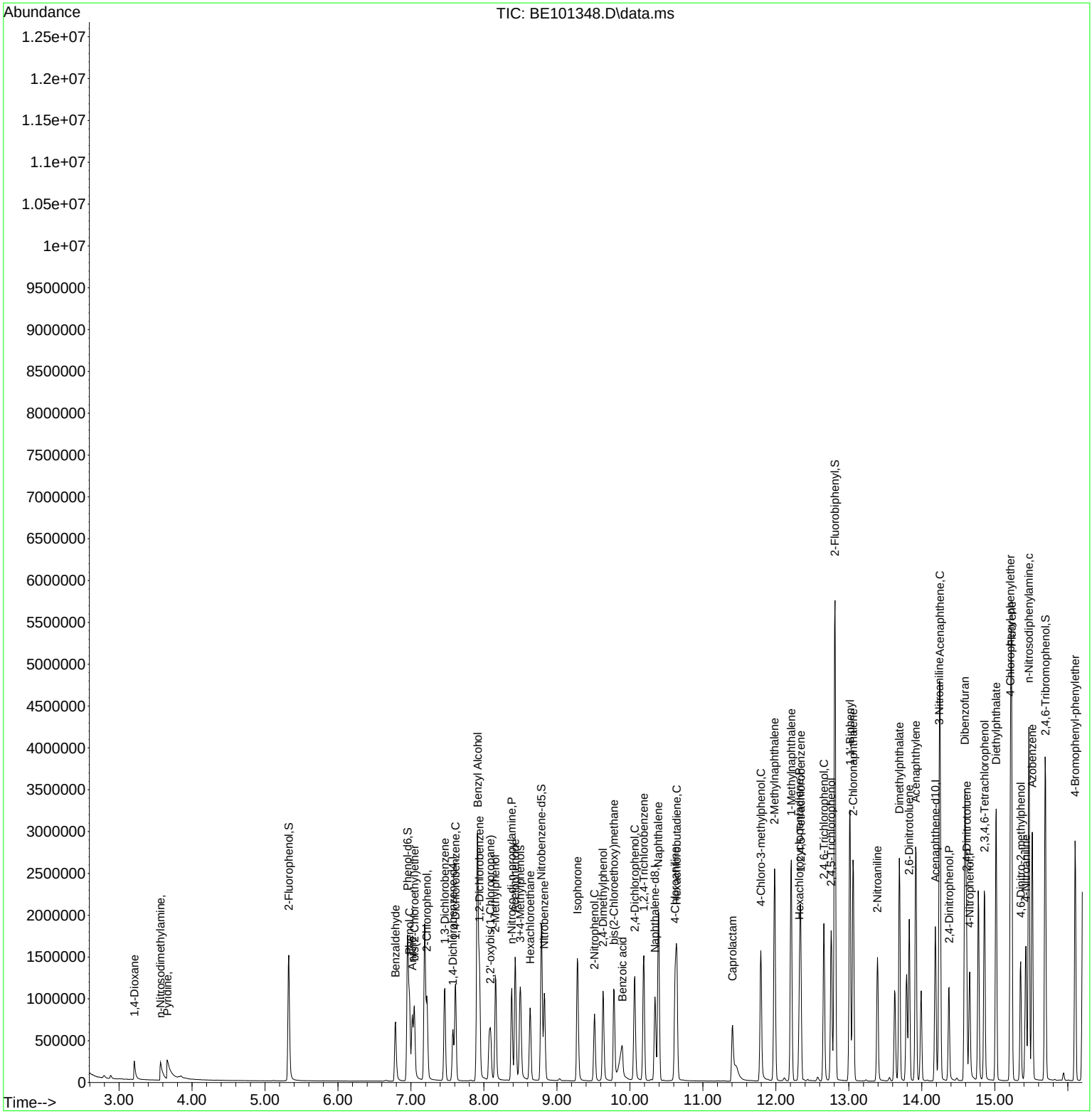

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