Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
Data File : BE101500.D
Acq On : 6 Nov 2024 18:02
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 06 23:55:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 23:45:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.563	152	87885	20.000	ng		0.00
21) Naphthalene-d8	10.336	136	393569	20.000	ng		0.00
39) Acenaphthene-d10	14.179	164	266849	20.000	ng		0.00
64) Phenanthrene-d10	16.917	188	591022	20.000	ng		0.00
76) Chrysene-d12	21.083	240	646333	20.000	ng		0.00
86) Perylene-d12	23.362	264	861007	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.319	112	792721	159.489	ng		0.00
7) Phenol-d6	6.958	99	1090529	160.024	ng		0.01
23) Nitrobenzene-d5	8.785	82	985521	158.169	ng		0.01
42) 2,4,6-Tribromophenol	15.695	330	763174	151.988	ng		0.01
45) 2-Fluorobiphenyl	12.804	172	2348698	143.713	ng		0.00
79) Terphenyl-d14	19.514	244	3657495	125.262	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.192	88	132821	71.808	ng		99
3) Pyridine	3.609	79	416786m	80.769	ng		
4) n-Nitrosodimethylamine	3.538	42	163173	79.874	ng		98
6) Aniline	7.005	93	288050	56.317	ng		95
8) 2-Chlorophenol	7.216	128	465269	79.011	ng		99
9) Benzaldehyde	6.770	77	190543	57.161	ng		100
10) Phenol	6.981	94	579806	78.163	ng		98
11) bis(2-Chloroethyl)ether	7.040	93	526156m	85.697	ng		
12) 1,3-Dichlorobenzene	7.452	146	484934	75.432	ng		100
13) 1,4-Dichlorobenzene	7.598	146	496300	76.219	ng		99
14) 1,2-Dichlorobenzene	7.927	146	484414	75.787	ng		99
15) Benzyl Alcohol	7.910	79	325630	81.800	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.074	45	550972	75.797	ng		100
17) 2-Methylphenol	8.157	107	394719	82.191	ng		99
18) Hexachloroethane	8.621	117	169920	77.271	ng		97
19) n-Nitroso-di-n-propyla...	8.374	70	350712	78.051	ng		99
20) 3+4-Methylphenols	8.497	107	538008	80.794	ng		97
22) Acetophenone	8.421	105	696705	78.167	ng	#	100
24) Nitrobenzene	8.826	77	520072	80.249	ng		99
25) Isophorone	9.273	82	951791	78.494	ng		99
26) 2-Nitrophenol	9.502	139	287810	83.451	ng		99
27) 2,4-Dimethylphenol	9.625	122	324765	81.383	ng		99
28) bis(2-Chloroethoxy)met...	9.766	93	581207	78.303	ng		99
29) 2,4-Dichlorophenol	10.060	162	462923	81.717	ng		99
30) 1,2,4-Trichlorobenzene	10.178	180	491943	77.789	ng		99
31) Naphthalene	10.383	128	1523338	76.669	ng		99
32) Benzoic acid	9.972	122	318691	80.102	ng		97
33) 4-Chloroaniline	10.618	127	525392	75.195	ng		98
34) Hexachlorobutadiene	10.630	225	303206	77.787	ng		98
35) Caprolactam	11.447	113	165929m	79.860	ng		
36) 4-Chloro-3-methylphenol	11.799	107	498667	80.610	ng		99
37) 2-Methylnaphthalene	11.976	142	1076148	76.256	ng		98
38) 1-Methylnaphthalene	12.205	142	1068220	75.902	ng		99
40) 1,2,4,5-Tetrachloroben...	12.334	216	560134	79.616	ng		100
41) Hexachlorocyclopentadiene	12.310	237	182012	88.654	ng		98
43) 2,4,6-Trichlorophenol	12.657	196	393917	81.527	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.763	196	443094	82.315	ng		99
46) 1,1'-Biphenyl	13.010	154	1408589	76.525	ng		98
47) 2-Chloronaphthalene	13.057	162	1130911	77.897	ng		98
48) 2-Nitroaniline	13.386	65	322579	83.940	ng		98
49) Acenaphthylene	13.915	152	1670845	77.229	ng		98
50) Dimethylphthalate	13.691	163	1443483	75.964	ng		99
51) 2,6-Dinitrotoluene	13.832	165	351068	80.046	ng		96
52) Acenaphthene	14.244	154	1027003	74.388	ng		99
53) 3-Nitroaniline	14.238	138	334967	78.671	ng		96
54) 2,4-Dinitrophenol	14.379	184	232097	90.304	ng		98
55) Dibenzofuran	14.584	168	1674087	75.300	ng		97
56) 4-Nitrophenol	14.667	139	310060	88.189	ng		99
57) 2,4-Dinitrotoluene	14.614	165	497866	80.801	ng		99
58) Fluorene	15.225	166	1357969	73.190	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.855	232	396992	79.703	ng		100
60) Diethylphthalate	15.013	149	1491516	74.442	ng		98
61) 4-Chlorophenyl-phenyle...	15.207	204	700996	74.402	ng		98
62) 4-Nitroaniline	15.436	138	382870	83.463	ng		99
63) Azobenzene	15.507	77	1230254	75.264	ng		99
65) 4,6-Dinitro-2-methylph...	15.360	198	319525	91.076	ng		99
66) n-Nitrosodiphenylamine	15.466	169	1203171	76.709	ng		99
67) 4-Bromophenyl-phenylether	16.094	248	517626	79.408	ng		100
68) Hexachlorobenzene	16.206	284	669652	78.058	ng		99
69) Atrazine	16.400	200	306249	66.134	ng		98
70) Pentachlorophenol	16.611	266	414939	89.142	ng		99
71) Phenanthrene	16.964	178	2129724	74.089	ng		99
72) Anthracene	17.046	178	2098096	73.910	ng		97
73) Carbazole	17.375	167	2125374	74.660	ng		97
74) Di-n-butylphthalate	17.822	149	2523825	71.791	ng		98
75) Fluoranthene	18.967	202	2590854	70.297	ng		98
77) Benzidine	19.220	184	1136732	78.650	ng		99
78) Pyrene	19.338	202	2679442	72.859	ng		97
80) Butylbenzylphthalate	20.178	149	1225752	74.168	ng		96
81) Benzo(a)anthracene	21.059	228	2689718	70.070	ng		96
82) 3,3'-Dichlorobenzidine	21.036	252	1134917	75.107	ng		99
83) Chrysene	21.118	228	2530820	69.364	ng		96
84) Bis(2-ethylhexyl)phtha...	20.883	149	1773835	70.992	ng	#	96
85) Di-n-octyl phthalate	21.729	149	2894015	68.464	ng		99
87) Indeno(1,2,3-cd)pyrene	25.730	276	4442725	75.086	ng		100
88) Benzo(b)fluoranthene	22.663	252	3491271	73.908	ng		98
89) Benzo(k)fluoranthene	22.710	252	2925504	68.222	ng		98
90) Benzo(a)pyrene	23.268	252	3021625	74.091	ng		99
91) Dibenzo(a,h)anthracene	25.718	278	3606206	73.183	ng		100
92) Benzo(g,h,i)perylene	26.476	276	3833323	76.570	ng		99

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

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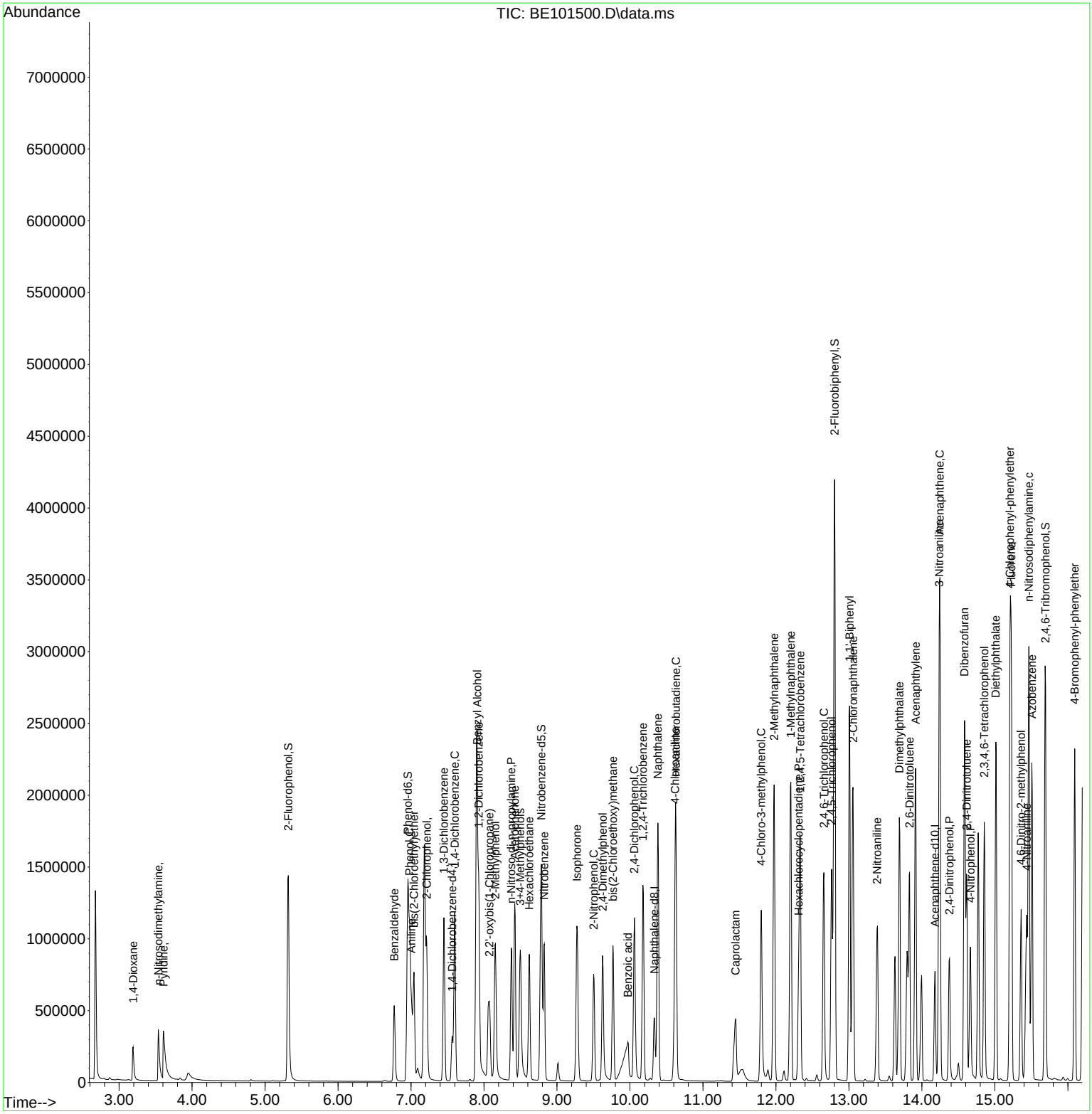

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