

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102824\
 Data File : BE101396.D
 Acq On : 28 Oct 2024 16:01
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 29 01:22:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 00:58:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	178600	20.000	ng	0.00
21) Naphthalene-d8	10.342	136	857359	20.000	ng	0.00
39) Acenaphthene-d10	14.185	164	629145	20.000	ng	0.00
64) Phenanthrene-d10	16.923	188	1425289	20.000	ng	0.00
76) Chrysene-d12	21.089	240	1483802	20.000	ng	0.01
86) Perylene-d12	23.374	264	1958585	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	1650888	162.007	ng	0.00
7) Phenol-d6	6.958	99	2347999	166.174	ng	0.01
23) Nitrobenzene-d5	8.791	82	2169296	158.920	ng	0.00
42) 2,4,6-Tribromophenol	15.701	330	1741409	157.924	ng	0.01
45) 2-Fluorobiphenyl	12.810	172	4719582	127.042	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.198	88	270568	71.190	ng	99
3) Pyridine	3.621	79	894327m	83.383	ng	
4) n-Nitrosodimethylamine	3.544	42	334535	81.584	ng	97
6) Aniline	7.017	93	548070m	50.604	ng	
8) 2-Chlorophenol	7.222	128	979447	80.138	ng	100
10) Phenol	6.981	94	1263744	82.431	ng	99
11) bis(2-Chloroethyl)ether	7.046	93	1066176m	86.125	ng	
12) 1,3-Dichlorobenzene	7.457	146	987323	74.916	ng	99
13) 1,4-Dichlorobenzene	7.604	146	1006819	74.811	ng	99
14) 1,2-Dichlorobenzene	7.939	146	991630	75.275	ng	99
15) Benzyl Alcohol	7.916	79	707261	83.973	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.080	45	1173362	74.135	ng	97
17) 2-Methylphenol	8.157	107	867917	83.645	ng	100
18) Hexachloroethane	8.633	117	343760	78.217	ng	99
19) n-Nitroso-di-n-propyla...	8.386	70	787045	83.939	ng	97
20) 3+4-Methylphenols	8.497	107	1195852	83.492	ng	98
22) Acetophenone	8.427	105	1529824	78.585	ng	# 99
24) Nitrobenzene	8.832	77	1163720	80.099	ng	97
25) Isophorone	9.285	82	2169116	81.433	ng	98
26) 2-Nitrophenol	9.514	139	621636	88.527	ng	97
27) 2,4-Dimethylphenol	9.631	122	723584	81.889	ng	100
28) bis(2-Chloroethoxy)met...	9.778	93	1268974	78.555	ng	98
29) 2,4-Dichlorophenol	10.066	162	1019981	83.439	ng	99
30) 1,2,4-Trichlorobenzene	10.190	180	1026026	77.047	ng	98
31) Naphthalene	10.389	128	3210242	73.477	ng	97
32) Benzoic acid	9.966	122	802694	81.411	ng	98
33) 4-Chloroaniline	10.624	127	1045977	68.848	ng	99
34) Hexachlorobutadiene	10.642	225	602261	76.406	ng	99
35) Caprolactam	11.447	113	423607m	90.611	ng	
36) 4-Chloro-3-methylphenol	11.805	107	1177907	84.629	ng	99
37) 2-Methylnaphthalene	11.982	142	2386729	75.826	ng	99
38) 1-Methylnaphthalene	12.211	142	2387484	75.998	ng	99
40) 1,2,4,5-Tetrachloroben...	12.340	216	1210469	76.642	ng	100
41) Hexachlorocyclopentadiene	12.322	237	406717	77.974	ng	98
43) 2,4,6-Trichlorophenol	12.657	196	889070	81.656	ng	99
44) 2,4,5-Trichlorophenol	12.763	196	1033376	82.879	ng	99

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46) 1,1'-Biphenyl	13.016	154	3080214	71.461	ng	96
47) 2-Chloronaphthalene	13.063	162	2521882	74.054	ng	96
48) 2-Nitroaniline	13.398	65	810925	88.484	ng	97
49) Acenaphthylene	13.920	152	3707314	73.615	ng	95
50) Dimethylphthalate	13.703	163	3267141	73.569	ng	98
51) 2,6-Dinitrotoluene	13.838	165	839701	81.898	ng	97
52) Acenaphthene	14.249	154	2355574	71.632	ng	97
53) 3-Nitroaniline	14.244	138	793668	77.847	ng	97
54) 2,4-Dinitrophenol	14.379	184	582382	79.945	ng	99
55) Dibenzofuran	14.590	168	3693841	70.475	ng	92
56) 4-Nitrophenol	14.667	139	799802	85.665	ng	98
57) 2,4-Dinitrotoluene	14.620	165	1210728	85.772	ng	100
58) Fluorene	15.231	166	3075135	70.134	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.861	232	929313	80.669	ng	100
60) Diethylphthalate	15.025	149	3340276	71.909	ng	93
61) 4-Chlorophenyl-phenyle...	15.219	204	1587212	72.949	ng	98
62) 4-Nitroaniline	15.442	138	979372	86.327	ng	99
63) Azobenzene	15.519	77	2903362	72.715	ng	93
65) 4,6-Dinitro-2-methylph...	15.360	198	757521	90.448	ng	98
66) n-Nitrosodiphenylamine	15.472	169	2787792	73.757	ng	97
67) 4-Bromophenyl-phenylether	16.100	248	1192660	79.548	ng	100
68) Hexachlorobenzene	16.212	284	1535726	78.146	ng	98
70) Pentachlorophenol	16.617	266	1010500	89.330	ng	99
71) Phenanthrene	16.970	178	4566935	66.923	ng	# 91
72) Anthracene	17.052	178	4521882	67.862	ng	# 90
73) Carbazole	17.387	167	4672533	68.533	ng	# 90
74) Di-n-butylphthalate	17.828	149	4941803	65.839	ng	# 92
75) Fluoranthene	18.973	202	5150870	62.145	ng	89
77) Benzidine	19.220	184	1366638	72.570	ng	99
78) Pyrene	19.343	202	5284167	64.759	ng	# 86
80) Butylbenzylphthalate	20.190	149	2702990	75.562	ng	96
81) Benzo(a)anthracene	21.065	228	5217950	62.566	ng	# 85
82) 3,3'-Dichlorobenzidine	21.041	252	2349046	71.902	ng	97
83) Chrysene	21.124	228	4974972	61.697	ng	# 86
84) Bis(2-ethylhexyl)phtha...	20.889	149	3506446	73.788	ng	# 89
85) Di-n-octyl phthalate	21.741	149	5240960	67.196	ng	# 96
87) Indeno(1,2,3-cd)pyrene	25.742	276	9511841	72.567	ng	98
88) Benzo(b)fluoranthene	22.675	252	6843216	67.045	ng	# 91
89) Benzo(k)fluoranthene	22.722	252	6063342	63.566	ng	# 89
90) Benzo(a)pyrene	23.274	252	6239978	69.904	ng	# 91
91) Dibenzo(a,h)anthracene	25.724	278	7655222	70.679	ng	95
92) Benzo(g,h,i)perylene	26.482	276	8419364	75.445	ng	96

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

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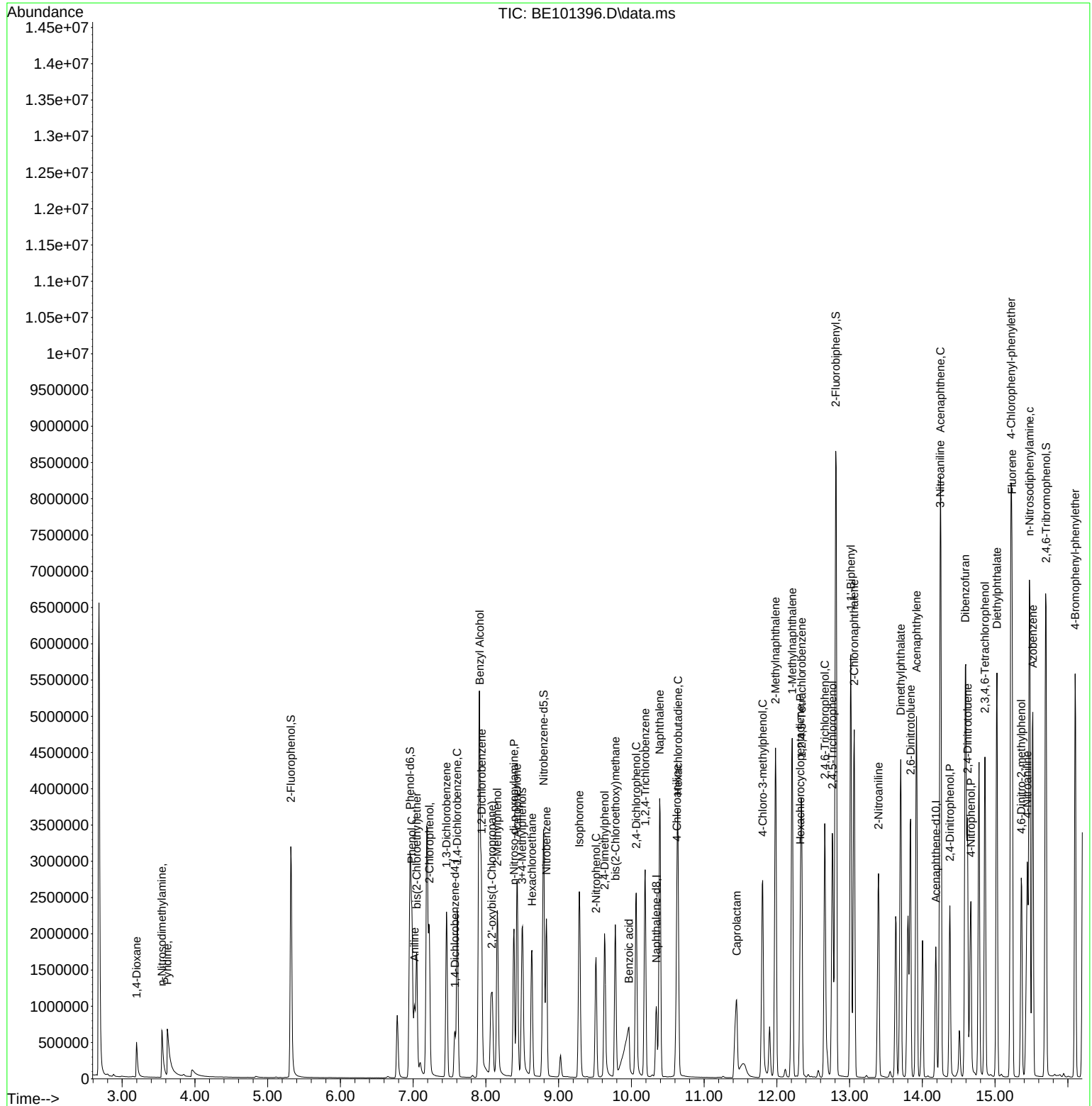
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