

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
 Data File : BE101362.D
 Acq On : 18 Sep 2024 14:11
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 18 14:57:07 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	325910	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	1626859	20.000	ng	0.00
39) Acenaphthene-d10	14.187	164	1159475	20.000	ng	0.00
64) Phenanthrene-d10	16.920	188	2643149	20.000	ng	0.00
76) Chrysene-d12	21.085	240	2981757	20.000	ng	0.00
86) Perylene-d12	23.377	264	3639622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.321	112	1834640	98.425	ng	0.00
7) Phenol-d6	6.955	99	2627634	99.440	ng	0.00
23) Nitrobenzene-d5	8.788	82	1841958	71.781	ng	0.00
42) 2,4,6-Tribromophenol	15.697	330	2068900	106.087	ng	0.00
45) 2-Fluorobiphenyl	12.813	172	4302535	64.124	ng	0.00
79) Terphenyl-d14	19.522	244	6244319	46.435	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.218	88	56255	7.926	ng	97
3) Pyridine	3.711	79	140484	6.871	ng	99
4) n-Nitrosodimethylamine	3.588	42	62350	8.488	ng	# 98
6) Aniline	7.019	93	266414	12.017	ng	100
8) 2-Chlorophenol	7.219	128	192525	8.595	ng	99
9) Benzaldehyde	6.784	77	145164	11.953	ng	97
10) Phenol	6.978	94	250501	8.625	ng	96
11) bis(2-Chloroethyl)ether	7.049	93	177796m	7.233	ng	
12) 1,3-Dichlorobenzene	7.460	146	197657	8.211	ng	99
13) 1,4-Dichlorobenzene	7.607	146	201569	8.218	ng	98
14) 1,2-Dichlorobenzene	7.936	146	199087	8.192	ng	98
15) Benzyl Alcohol	7.918	79	148979	9.468	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.071	45	279345	9.017	ng	98
17) 2-Methylphenol	8.159	107	145938	7.583	ng	97
18) Hexachloroethane	8.629	117	65224	8.131	ng	98
19) n-Nitroso-di-n-propyla...	8.377	70	161040	8.635	ng	98
20) 3+4-Methylphenols	8.494	107	203853	7.528	ng	98
22) Acetophenone	8.429	105	330603	8.763	ng	# 99
24) Nitrobenzene	8.829	77	232859	8.500	ng	100
25) Isophorone	9.276	82	458401	8.726	ng	99
26) 2-Nitrophenol	9.516	139	110848	8.573	ng	98
27) 2,4-Dimethylphenol	9.634	122	61576	3.710	ng	99
28) bis(2-Chloroethoxy)met...	9.781	93	270929	8.526	ng	98
29) 2,4-Dichlorophenol	10.063	162	187105	8.231	ng	98
30) 1,2,4-Trichlorobenzene	10.186	180	203010	8.264	ng	98
31) Naphthalene	10.392	128	689170	8.396	ng	100
32) Benzoic acid	9.863	122	156831	14.851	ng	96
33) 4-Chloroaniline	10.615	127	273288	8.702	ng	99
34) Hexachlorobutadiene	10.639	225	114098	7.994	ng	97
35) Caprolactam	11.414	113	78719	8.572	ng	96
36) 4-Chloro-3-methylphenol	11.790	107	211924	7.890	ng	99
37) 2-Methylnaphthalene	11.978	142	497176	8.282	ng	100
38) 1-Methylnaphthalene	12.207	142	473760	7.866	ng	98
40) 1,2,4,5-Tetrachloroben...	12.337	216	242990	8.700	ng	100
41) Hexachlorocyclopentadiene	12.319	237	38152	4.157	ng	100
43) 2,4,6-Trichlorophenol	12.654	196	165561	8.370	ng	100

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44) 2,4,5-Trichlorophenol	12.754	196	183103	8.204	ng	98
46) 1,1'-Biphenyl	13.012	154	694639	8.841	ng	98
47) 2-Chloronaphthalene	13.059	162	520977	8.429	ng	99
48) 2-Nitroaniline	13.388	65	144743	8.704	ng	98
49) Acenaphthylene	13.917	152	853970	9.260	ng	99
50) Dimethylphthalate	13.688	163	724260	8.657	ng	98
51) 2,6-Dinitrotoluene	13.823	165	151312	8.081	ng	99
52) Acenaphthene	14.246	154	510321	8.394	ng	98
53) 3-Nitroaniline	14.234	138	165394	8.587	ng	99
54) 2,4-Dinitrophenol	14.370	184	109187	9.796	ng	98
55) Dibenzofuran	14.587	168	844932	8.799	ng	98
56) 4-Nitrophenol	14.652	139	239832	14.978	ng	99
57) 2,4-Dinitrotoluene	14.605	165	207898	8.156	ng	91
58) Fluorene	15.227	166	693498	8.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.851	232	182012	8.624	ng	100
60) Diethylphthalate	15.016	149	767942	8.847	ng	98
61) 4-Chlorophenyl-phenyle...	15.216	204	335013	8.441	ng	98
62) 4-Nitroaniline	15.421	138	178844	8.910	ng	99
63) Azobenzene	15.509	77	664509	8.958	ng	96
65) 4,6-Dinitro-2-methylph...	15.351	198	116103	7.736	ng	97
66) n-Nitrosodiphenylamine	15.462	169	611518	8.680	ng	98
67) 4-Bromophenyl-phenylether	16.103	248	232496	8.467	ng	99
68) Hexachlorobenzene	16.209	284	293913	8.282	ng	98
69) Atrazine	16.397	200	251793	10.823	ng	99
70) Pentachlorophenol	16.614	266	300840	14.189	ng	99
71) Phenanthrene	16.961	178	1171567	9.333	ng	97
72) Anthracene	17.049	178	1084718	8.880	ng	97
73) Carbazole	17.378	167	1148159	9.172	ng	98
74) Di-n-butylphthalate	17.830	149	1444175	10.507	ng	95
75) Fluoranthene	18.964	202	1465431	9.697	ng	95
77) Benzidine	19.223	184	312515	6.315	ng	99
78) Pyrene	19.334	202	1564997	9.437	ng	94
80) Butylbenzylphthalate	20.186	149	714599	9.734	ng	99
81) Benzo(a)anthracene	21.062	228	1679028	10.027	ng	93
82) 3,3'-Dichlorobenzidine	21.038	252	634942	9.677	ng	99
83) Chrysene	21.120	228	1595104	9.916	ng	93
84) Bis(2-ethylhexyl)phtha...	20.891	149	1026215	10.570	ng	95
85) Di-n-octyl phthalate	21.743	149	1719130	10.848	ng	99
87) Indeno(1,2,3-cd)pyrene	25.692	276	2327120	9.705	ng	98
88) Benzo(b)fluoranthene	22.660	252	1831590	9.717	ng	96
89) Benzo(k)fluoranthene	22.707	252	1733374	9.743	ng	94
90) Benzo(a)pyrene	23.259	252	1627823	9.785	ng	98
91) Dibenzo(a,h)anthracene	25.686	278	1951352	9.720	ng	98
92) Benzo(g,h,i)perylene	26.438	276	1814744	8.903	ng	97

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

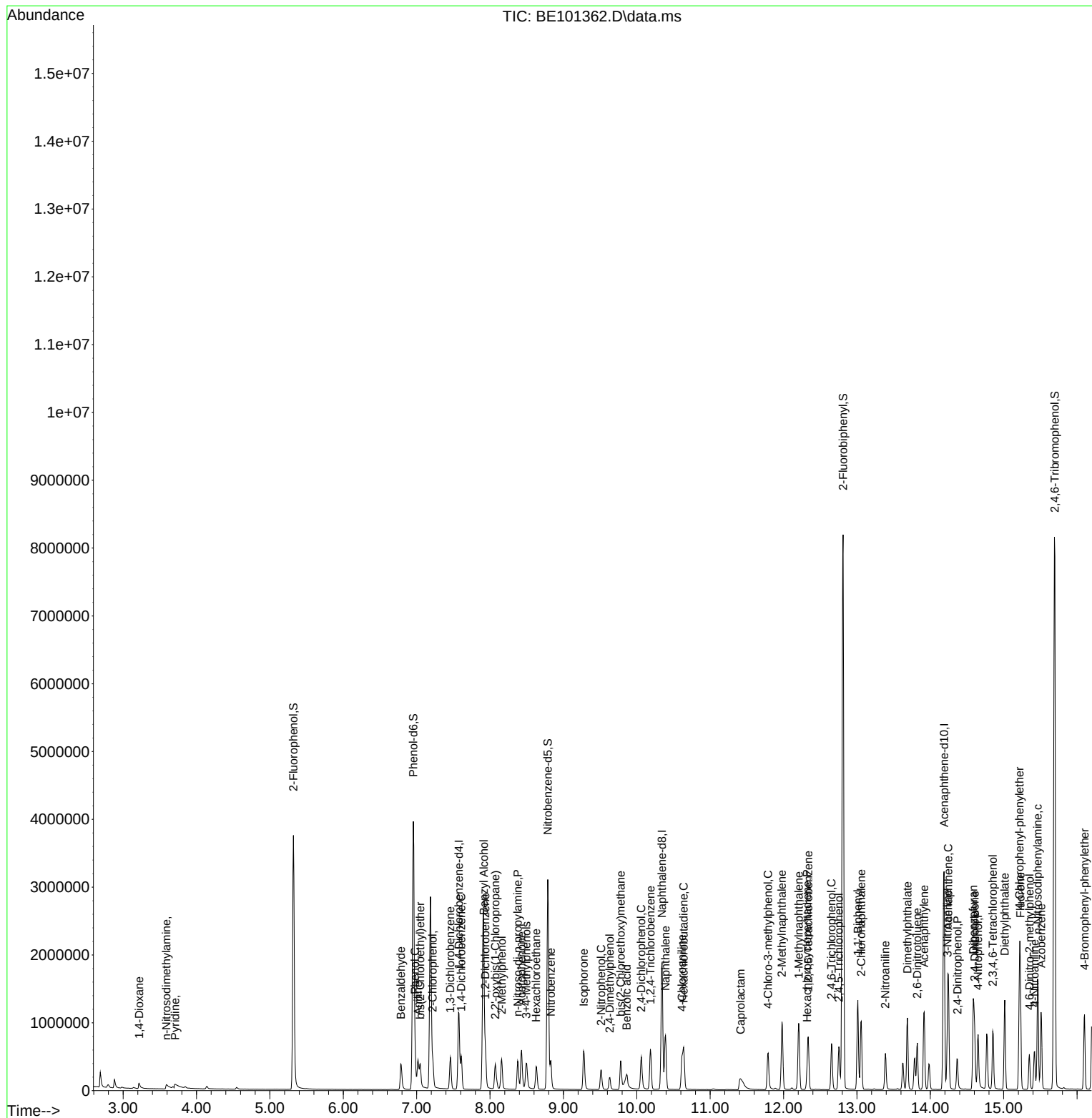
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