Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
Data File : BE101366.D
Acq On : 18 Sep 2024 16:40
Operator : RC/JU
Sample : P2403-07
Misc : LOD-MDL-WATER-8PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 18 17:44:25 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

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

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	7.576	152	176792	20.000	ng		0.00
21) Naphthalene-d8	10.343	136	850114	20.000	ng		0.00
39) Acenaphthene-d10	14.186	164	607432	20.000	ng		0.00
64) Phenanthrene-d10	16.918	188	1410431	20.000	ng		0.00
76) Chrysene-d12	21.083	240	1638885	20.000	ng		0.00
86) Perylene-d12	23.369	264	1997464	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.320	112	1349650	133.478	ng		0.00
7) Phenol-d6	6.953	99	1878713	131.066	ng		0.00
23) Nitrobenzene-d5	8.786	82	1344508	100.268	ng		0.00
42) 2,4,6-Tribromophenol	15.690	330	1459922	142.895	ng		0.00
45) 2-Fluorobiphenyl	12.811	172	3377937	96.098	ng		0.00
79) Terphenyl-d14	19.515	244	5144725	69.605	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	34743	9.024	ng		96
3) Pyridine	3.757	79	83447m	7.524	ng		
4) n-Nitrosodimethylamine	3.616	42	33358	8.372	ng	#	94
6) Aniline	7.018	93	135990	11.308	ng		99
8) 2-Chlorophenol	7.217	128	106383	8.756	ng		97
9) Benzaldehyde	6.788	77	83737	12.711	ng		99
10) Phenol	6.976	94	139937	8.882	ng		93
11) bis(2-Chloroethyl)ether	7.047	93	107135m	8.035	ng		
12) 1,3-Dichlorobenzene	7.458	146	112612	8.624	ng		97
13) 1,4-Dichlorobenzene	7.605	146	114313	8.592	ng		99
14) 1,2-Dichlorobenzene	7.934	146	111669	8.470	ng		99
15) Benzyl Alcohol	7.917	79	91224	10.688	ng		85
16) 2,2'-oxybis(1-Chloropr...	8.069	45	155214	9.236	ng		98
17) 2-Methylphenol	8.157	107	82969	7.948	ng		99
18) Hexachloroethane	8.633	117	35500	8.159	ng		97
19) n-Nitroso-di-n-propyla...	8.381	70	87431	8.642	ng		99
20) 3+4-Methylphenols	8.492	107	113198	7.706	ng		99
22) Acetophenone	8.428	105	180262	9.144	ng	#	98
24) Nitrobenzene	8.827	77	128557	8.980	ng		98
25) Isophorone	9.280	82	246006	8.962	ng		99
26) 2-Nitrophenol	9.515	139	56172	8.314	ng		97
27) 2,4-Dimethylphenol	9.632	122	53047	6.116	ng		98
28) bis(2-Chloroethoxy)met...	9.779	93	146898	8.847	ng		99
29) 2,4-Dichlorophenol	10.061	162	99789	8.401	ng		98
30) 1,2,4-Trichlorobenzene	10.184	180	110637	8.618	ng		97
31) Naphthalene	10.390	128	378596	8.826	ng		100
32) Benzoic acid	9.826	122	38752m	10.893	ng		
33) 4-Chloroaniline	10.619	127	147372	8.980	ng		98
34) Hexachlorobutadiene	10.637	225	63469	8.510	ng		97
35) Caprolactam	11.401	113	37187	7.750	ng		97
36) 4-Chloro-3-methylphenol	11.789	107	114837	8.182	ng		98
37) 2-Methylnaphthalene	11.982	142	276774	8.823	ng		99
38) 1-Methylnaphthalene	12.206	142	259704	8.252	ng		99
40) 1,2,4,5-Tetrachloroben...	12.335	216	133649	9.134	ng		99
41) Hexachlorocyclopentadiene	12.317	237	30137	6.268	ng		98
43) 2,4,6-Trichlorophenol	12.658	196	88463	8.536	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	95263	8.147	ng		98
46) 1,1'-Biphenyl	13.011	154	386752	9.396	ng		99
47) 2-Chloronaphthalene	13.058	162	286379	8.844	ng		99
48) 2-Nitroaniline	13.387	65	70366	8.077	ng		95
49) Acenaphthylene	13.915	152	471022	9.749	ng		99
50) Dimethylphthalate	13.686	163	394873	9.009	ng		99
51) 2,6-Dinitrotoluene	13.821	165	79374	8.092	ng		98
52) Acenaphthene	14.244	154	279333	8.771	ng		97
53) 3-Nitroaniline	14.233	138	82447	8.171	ng		99
54) 2,4-Dinitrophenol	14.368	184	38008	6.509	ng		96
55) Dibenzofuran	14.585	168	466808	9.279	ng		98
56) 4-Nitrophenol	14.650	139	71794m	8.558	ng		
57) 2,4-Dinitrotoluene	14.603	165	104001	7.788	ng	#	87
58) Fluorene	15.226	166	377739	8.911	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.855	232	94858	8.579	ng		98
60) Diethylphthalate	15.014	149	409116	8.997	ng		99
61) 4-Chlorophenyl-phenyle...	15.214	204	182899	8.797	ng		97
62) 4-Nitroaniline	15.420	138	88014	8.370	ng		100
63) Azobenzene	15.508	77	357754	9.206	ng		96
65) 4,6-Dinitro-2-methylph...	15.349	198	56448	7.048	ng		97
66) n-Nitrosodiphenylamine	15.461	169	338462	9.003	ng		99
67) 4-Bromophenyl-phenylether	16.101	248	123805	8.449	ng		99
68) Hexachlorobenzene	16.201	284	157144	8.298	ng		97
69) Atrazine	16.395	200	130754	10.532	ng		99
70) Pentachlorophenol	16.612	266	83210	7.354	ng		98
71) Phenanthrene	16.959	178	641581	9.578	ng		96
72) Anthracene	17.047	178	591512	9.074	ng		97
73) Carbazole	17.376	167	628446	9.408	ng		99
74) Di-n-butylphthalate	17.828	149	736780	10.045	ng		95
75) Fluoranthene	18.962	202	791551	9.816	ng		96
77) Benzidine	19.221	184	261909	9.629	ng		99
78) Pyrene	19.333	202	859564	9.430	ng		92
80) Butylbenzylphthalate	20.185	149	376882	9.340	ng		98
81) Benzo(a)anthracene	21.060	228	927482	10.077	ng		91
82) 3,3'-Dichlorobenzidine	21.036	252	347476	9.635	ng		100
83) Chrysene	21.119	228	896748	10.143	ng		90
84) Bis(2-ethylhexyl)phtha...	20.890	149	516829	9.686	ng	#	93
85) Di-n-octyl phthalate	21.742	149	887602	10.190	ng		99
87) Indeno(1,2,3-cd)pyrene	25.684	276	1267691	9.633	ng		99
88) Benzo(b)fluoranthene	22.658	252	1021947	9.878	ng		95
89) Benzo(k)fluoranthene	22.699	252	969482	9.929	ng		95
90) Benzo(a)pyrene	23.257	252	906647	9.930	ng		97
91) Dibenzo(a,h)anthracene	25.678	278	1048859	9.520	ng		99
92) Benzo(g,h,i)perylene	26.430	276	985972	8.813	ng		97

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

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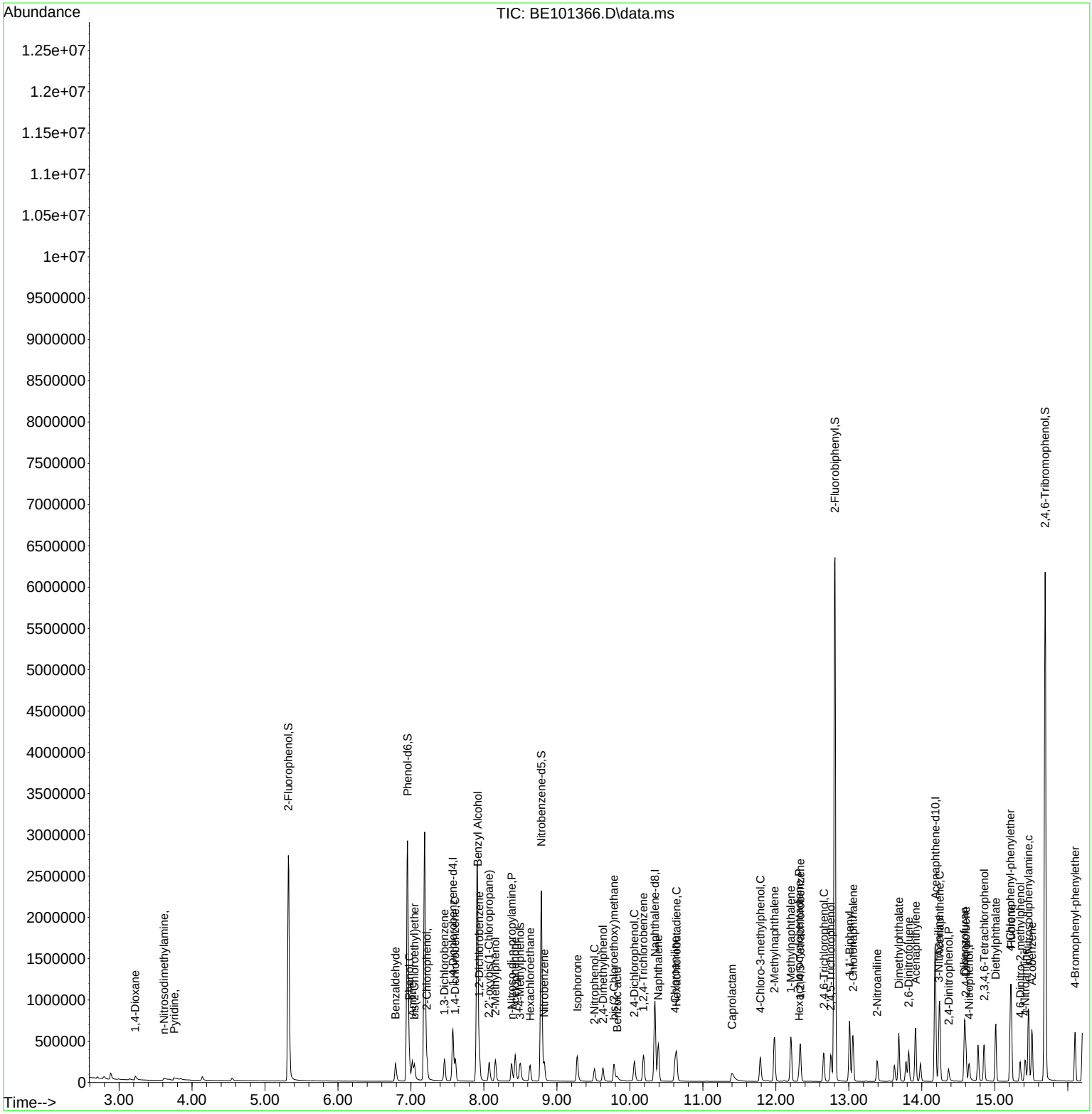

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