Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
Data File : BE101404.D
Acq On : 29 Oct 2024 13:21
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-05 PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 29 14:10:50 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 01:26:30 2024
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.570	152	121386	20.000	ng		0.00
21) Naphthalene-d8	10.337	136	597357	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	450628	20.000	ng		0.00
64) Phenanthrene-d10	16.912	188	1065553	20.000	ng		0.00
76) Chrysene-d12	21.072	240	1222788	20.000	ng		0.00
86) Perylene-d12	23.363	264	1537565	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.314	112	753209	108.754	ng		0.00
7) Phenol-d6	6.947	99	1064221	110.818	ng		0.00
23) Nitrobenzene-d5	8.780	82	770815	81.047	ng		0.00
42) 2,4,6-Tribromophenol	15.684	330	929941	117.743	ng		0.00
45) 2-Fluorobiphenyl	12.805	172	2156410	81.042	ng		0.00
79) Terphenyl-d14	19.509	244	3902876	73.461	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	12681	4.909	ng		100
3) Pyridine	3.815	79	26060m	3.566	ng		
4) n-Nitrosodimethylamine	3.645	42	13256m	4.688	ng		
6) Aniline	7.018	93	49034m	6.662	ng		
8) 2-Chlorophenol	7.211	128	40697	4.899	ng		93
9) Benzaldehyde	6.788	77	30511	6.582	ng		98
10) Phenol	6.971	94	45575	4.374	ng		86
11) bis(2-Chloroethyl)ether	7.041	93	33651m	3.937	ng		
12) 1,3-Dichlorobenzene	7.458	146	42759	4.774	ng		98
13) 1,4-Dichlorobenzene	7.605	146	43816	4.790	ng		97
14) 1,2-Dichlorobenzene	7.934	146	44207	4.937	ng		95
15) Benzyl Alcohol	7.917	79	32331	5.648	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.069	45	56662	5.267	ng		98
17) 2-Methylphenol	8.152	107	30087	4.266	ng		97
18) Hexachloroethane	8.627	117	13449	4.502	ng		91
19) n-Nitroso-di-n-propyla...	8.375	70	30768	4.828	ng		98
20) 3+4-Methylphenols	8.492	107	40816	4.193	ng		98
22) Acetophenone	8.428	105	66115	4.874	ng	#	97
24) Nitrobenzene	8.821	77	49236	4.864	ng		99
25) Isophorone	9.274	82	87561	4.718	ng		99
26) 2-Nitrophenol	9.515	139	19670	4.020	ng		92
27) 2,4-Dimethylphenol	9.626	122	24247	3.938	ng		98
28) bis(2-Chloroethoxy)met...	9.785	93	53198	4.727	ng		98
29) 2,4-Dichlorophenol	10.061	162	36547	4.291	ng		99
30) 1,2,4-Trichlorobenzene	10.184	180	43569	4.696	ng		99
31) Naphthalene	10.384	128	146811	4.823	ng		99
32) Benzoic acid	9.814	122	12022m	9.789	ng		
33) 4-Chloroaniline	10.619	127	54773	5.174	ng		98
34) Hexachlorobutadiene	10.637	225	24613	4.482	ng		97
35) Caprolactam	11.401	113	12811m	3.924	ng		
36) 4-Chloro-3-methylphenol	11.783	107	41947	4.325	ng		97
37) 2-Methylnaphthalene	11.976	142	107595	4.906	ng		98
38) 1-Methylnaphthalene	12.206	142	99208	4.533	ng		99
40) 1,2,4,5-Tetrachloroben...	12.329	216	53412	4.722	ng		99
41) Hexachlorocyclopentadiene	12.317	237	13886	3.717	ng		92
43) 2,4,6-Trichlorophenol	12.652	196	32535	4.172	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	37374	4.185	ng		97
46) 1,1'-Biphenyl	13.005	154	157929	5.115	ng		98
47) 2-Chloronaphthalene	13.052	162	114194	4.682	ng		99
48) 2-Nitroaniline	13.387	65	24326	3.706	ng		96
49) Acenaphthylene	13.909	152	183513	5.088	ng		100
50) Dimethylphthalate	13.680	163	156773	4.929	ng		98
51) 2,6-Dinitrotoluene	13.815	165	30033	4.090	ng		91
52) Acenaphthene	14.238	154	111066	4.715	ng		99
53) 3-Nitroaniline	14.227	138	30448	4.170	ng		98
54) 2,4-Dinitrophenol	14.368	184	8504	7.132	ng		91
55) Dibenzofuran	14.585	168	189415	5.046	ng		97
56) 4-Nitrophenol	14.644	139	24906m	3.724	ng		
57) 2,4-Dinitrotoluene	14.603	165	38659	3.824	ng		94
58) Fluorene	15.220	166	153527	4.889	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.850	232	38271	4.638	ng		98
60) Diethylphthalate	15.008	149	160082	4.811	ng		98
61) 4-Chlorophenyl-phenyle...	15.208	204	75599	4.851	ng		100
62) 4-Nitroaniline	15.414	138	29400	3.618	ng		94
63) Azobenzene	15.502	77	137826	4.819	ng		97
65) 4,6-Dinitro-2-methylph...	15.343	198	16904	2.700	ng		96
66) n-Nitrosodiphenylamine	15.455	169	136251	4.822	ng		99
67) 4-Bromophenyl-phenylether	16.095	248	51629	4.606	ng		95
68) Hexachlorobenzene	16.201	284	67560	4.598	ng		94
69) Atrazine	16.389	200	47689	5.505	ng		97
70) Pentachlorophenol	16.606	266	27196	3.216	ng		97
71) Phenanthrene	16.953	178	265034	5.195	ng		98
72) Anthracene	17.041	178	251648	5.052	ng		98
73) Carbazole	17.370	167	245474	4.816	ng		98
74) Di-n-butylphthalate	17.823	149	259841	4.631	ng		98
75) Fluoranthene	18.956	202	314331	5.073	ng		97
77) Benzidine	19.215	184	86613	5.581	ng		99
78) Pyrene	19.327	202	343112	5.102	ng		96
80) Butylbenzylphthalate	20.179	149	137344	4.659	ng		98
81) Benzo(a)anthracene	21.054	228	370755	5.394	ng		95
82) 3,3'-Dichlorobenzidine	21.031	252	123276	4.579	ng		98
83) Chrysene	21.107	228	355819	5.355	ng		94
84) Bis(2-ethylhexyl)phtha...	20.884	149	179884	4.593	ng	#	95
85) Di-n-octyl phthalate	21.730	149	309063	4.808	ng		100
87) Indeno(1,2,3-cd)pyrene	25.666	276	512912	4.985	ng		99
88) Benzo(b)fluoranthene	22.646	252	401457	5.010	ng		97
89) Benzo(k)fluoranthene	22.687	252	392935	5.249	ng		96
90) Benzo(a)pyrene	23.246	252	361170	5.154	ng		99
91) Dibenzo(a,h)anthracene	25.660	278	414968	4.880	ng		100
92) Benzo(g,h,i)perylene	26.412	276	397934	4.542	ng		100

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

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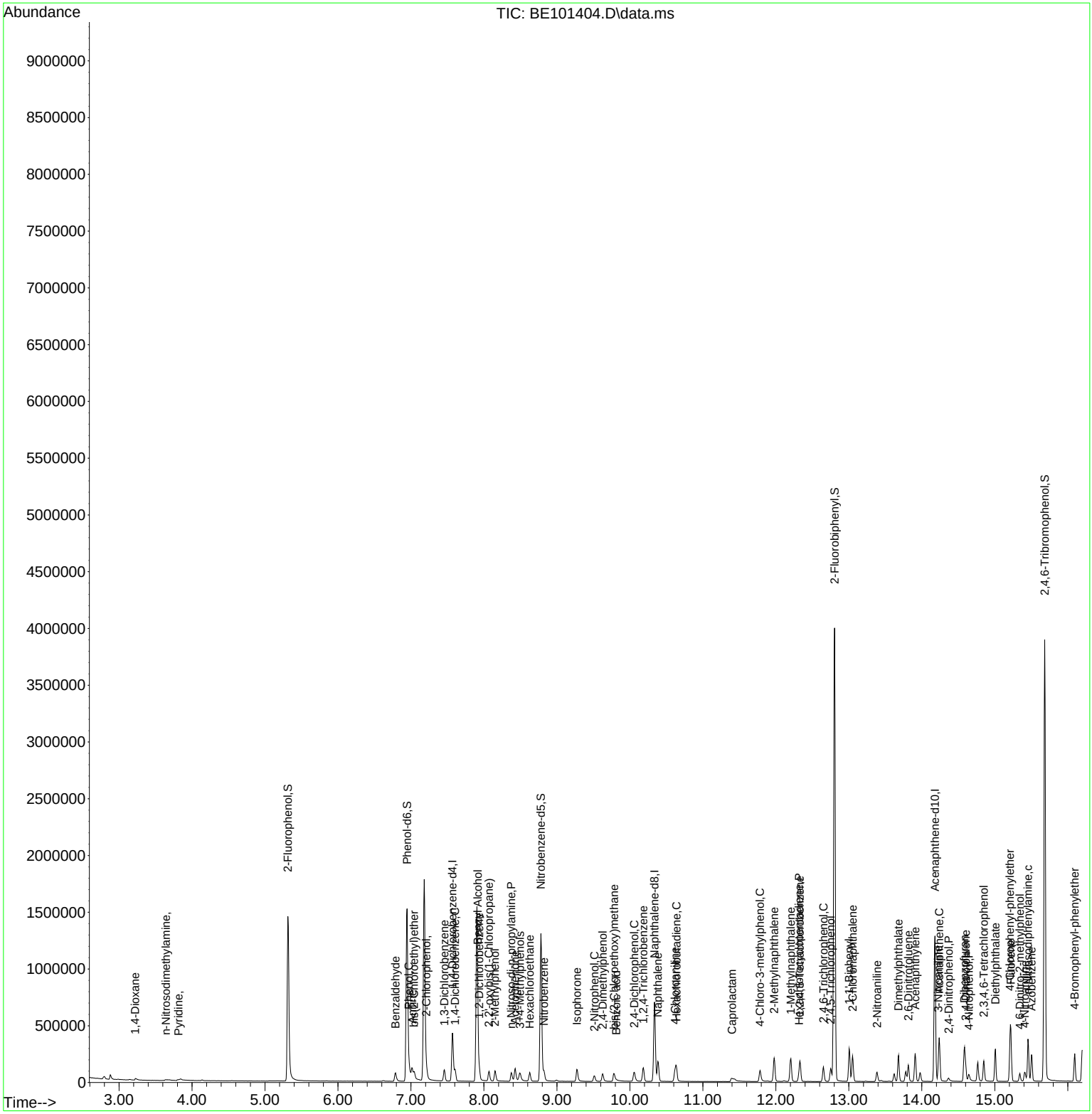

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