Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
Data File : BE101412.D
Acq On : 29 Oct 2024 18:04
Operator : RC/JU
Sample : P4368-07
Misc : LOD-MDL-WATER 8 PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations APPROVED

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

Quant Time: Oct 30 00:25:50 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.570	152	153008	20.000	ng		0.00
21) Naphthalene-d8	10.337	136	760151	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	554059	20.000	ng		0.00
64) Phenanthrene-d10	16.918	188	1305765	20.000	ng		0.00
76) Chrysene-d12	21.072	240	1466013	20.000	ng		0.00
86) Perylene-d12	23.357	264	1792243	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.320	112	1085449	124.335	ng		0.00
7) Phenol-d6	6.947	99	1544377	127.581	ng		0.00
23) Nitrobenzene-d5	8.786	82	1105235	91.322	ng		0.00
42) 2,4,6-Tribromophenol	15.690	330	1281894	132.006	ng		0.00
45) 2-Fluorobiphenyl	12.805	172	2854123	87.239	ng		0.00
79) Terphenyl-d14	19.509	244	4477060	70.287	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	27356	8.402	ng		99
3) Pyridine	3.727	79	66688m	7.239	ng		
4) n-Nitrosodimethylamine	3.598	42	27829	7.808	ng	#	85
6) Aniline	7.018	93	111724	12.043	ng		99
8) 2-Chlorophenol	7.211	128	90648	8.657	ng		97
9) Benzaldehyde	6.783	77	68252	11.680	ng		100
10) Phenol	6.971	94	103679	7.894	ng		94
11) bis(2-Chloroethyl)ether	7.041	93	91320m	8.475	ng		
12) 1,3-Dichlorobenzene	7.458	146	95071	8.420	ng		99
13) 1,4-Dichlorobenzene	7.605	146	96898	8.404	ng		98
14) 1,2-Dichlorobenzene	7.934	146	94820	8.402	ng		99
15) Benzyl Alcohol	7.911	79	70209	9.730	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.069	45	124116	9.153	ng		100
17) 2-Methylphenol	8.152	107	68463	7.702	ng		98
18) Hexachloroethane	8.627	117	29852	7.928	ng		98
19) n-Nitroso-di-n-propyla...	8.375	70	70053	8.721	ng		98
20) 3+4-Methylphenols	8.486	107	94106	7.669	ng		97
22) Acetophenone	8.422	105	145615	8.437	ng	#	98
24) Nitrobenzene	8.821	77	107784	8.368	ng		99
25) Isophorone	9.274	82	195524	8.279	ng		98
26) 2-Nitrophenol	9.509	139	48485	7.788	ng		100
27) 2,4-Dimethylphenol	9.626	122	42347	5.405	ng		97
28) bis(2-Chloroethoxy)met...	9.779	93	117446	8.200	ng		99
29) 2,4-Dichlorophenol	10.055	162	85331	7.873	ng		98
30) 1,2,4-Trichlorobenzene	10.184	180	94590	8.011	ng		98
31) Naphthalene	10.384	128	320482	8.273	ng		100
32) Benzoic acid	9.820	122	28709m	11.168	ng		
33) 4-Chloroaniline	10.613	127	125662	9.329	ng		99
34) Hexachlorobutadiene	10.637	225	53571	7.665	ng		99
35) Caprolactam	11.383	113	31127m	7.492	ng		
36) 4-Chloro-3-methylphenol	11.783	107	96043	7.783	ng		98
37) 2-Methylnaphthalene	11.976	142	226039	8.100	ng		99
38) 1-Methylnaphthalene	12.206	142	216665	7.779	ng		99
40) 1,2,4,5-Tetrachloroben...	12.335	216	114892	8.260	ng		100
41) Hexachlorocyclopentadiene	12.317	237	20706	4.508	ng		97
43) 2,4,6-Trichlorophenol	12.652	196	75438	7.868	ng		99

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44) 2,4,5-Trichlorophenol	12.752	196	85938	7.826	ng	98
46) 1,1'-Biphenyl	13.005	154	326052	8.589	ng	99
47) 2-Chloronaphthalene	13.052	162	241466	8.052	ng	100
48) 2-Nitroaniline	13.381	65	62833	7.785	ng	98
49) Acenaphthylene	13.909	152	399472	9.007	ng	99
50) Dimethylphthalate	13.680	163	328573	8.401	ng	99
51) 2,6-Dinitrotoluene	13.815	165	69116	7.655	ng	99
52) Acenaphthene	14.238	154	238399	8.232	ng	99
53) 3-Nitroaniline	14.227	138	74279	8.273	ng	98
54) 2,4-Dinitrophenol	14.362	184	27522	9.605	ng	95
55) Dibenzofuran	14.585	168	393716	8.530	ng	97
56) 4-Nitrophenol	14.644	139	58131	7.070	ng	99
57) 2,4-Dinitrotoluene	14.603	165	93442	7.517	ng	99
58) Fluorene	15.220	166	323385	8.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.850	232	84409	8.320	ng	98
60) Diethylphthalate	15.008	149	337700	8.255	ng	98
61) 4-Chlorophenyl-phenyle...	15.208	204	155477	8.114	ng	99
62) 4-Nitroaniline	15.408	138	78007	7.808	ng	98
63) Azobenzene	15.508	77	299866	8.528	ng	99
65) 4,6-Dinitro-2-methylph...	15.343	198	48612	6.336	ng	98
66) n-Nitrosodiphenylamine	15.461	169	289794	8.369	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	108465	7.897	ng	97
68) Hexachlorobenzene	16.201	284	138796	7.709	ng	97
69) Atrazine	16.389	200	107322	10.109	ng	98
70) Pentachlorophenol	16.606	266	72430	6.989	ng	98
71) Phenanthrene	16.953	178	545926	8.732	ng	98
72) Anthracene	17.041	178	515545	8.445	ng	98
73) Carbazole	17.370	167	530675	8.496	ng	97
74) Di-n-butylphthalate	17.823	149	612039	8.901	ng	97
75) Fluoranthene	18.956	202	670072	8.824	ng	95
77) Benzidine	19.215	184	193717	10.411	ng	100
78) Pyrene	19.327	202	722980	8.968	ng	95
80) Butylbenzylphthalate	20.179	149	302288	8.553	ng	97
81) Benzo(a)anthracene	21.054	228	767155	9.310	ng	95
82) 3,3'-Dichlorobenzidine	21.031	252	280183	8.680	ng	97
83) Chrysene	21.107	228	740607	9.296	ng	93
84) Bis(2-ethylhexyl)phtha...	20.884	149	401970	8.561	ng	96
85) Di-n-octyl phthalate	21.730	149	698968	9.070	ng	99
87) Indeno(1,2,3-cd)pyrene	25.666	276	1082193	9.022	ng	99
88) Benzo(b)fluoranthene	22.646	252	836508	8.956	ng	97
89) Benzo(k)fluoranthene	22.687	252	809495	9.277	ng	96
90) Benzo(a)pyrene	23.246	252	751835	9.204	ng	98
91) Dibenzo(a,h)anthracene	25.660	278	889125	8.971	ng	99
92) Benzo(g,h,i)perylene	26.412	276	833415	8.161	ng	99

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

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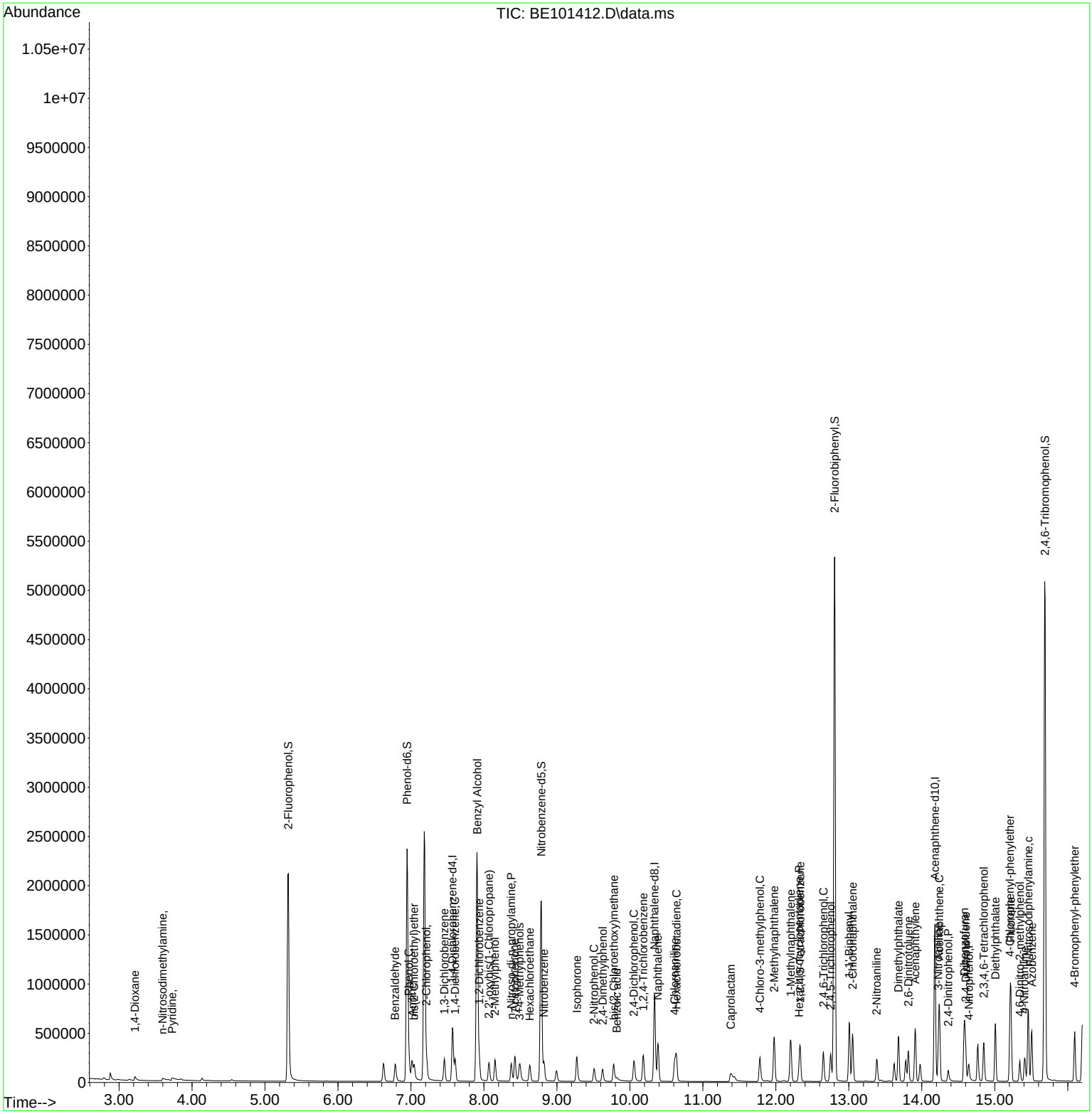

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