Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
Data File : BE101420.D
Acq On : 30 Oct 2024 12:23
Operator : RC/JU
Sample : P4368-09
Misc : MDL-MDL-WATER 4 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

Quant Time: Oct 30 13:09:54 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	223074	20.000	ng		0.00
21) Naphthalene-d8	10.337	136	1131479	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	847490	20.000	ng		0.00
64) Phenanthrene-d10	16.917	188	1907256	20.000	ng		0.00
76) Chrysene-d12	21.071	240	2123448	20.000	ng		0.00
86) Perylene-d12	23.363	264	2619541	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.319	112	1302183	102.311	ng		0.00
7) Phenol-d6	6.947	99	1873346	106.149	ng		0.00
23) Nitrobenzene-d5	8.786	82	1350833	74.986	ng		0.00
42) 2,4,6-Tribromophenol	15.689	330	1590479	107.076	ng		0.00
45) 2-Fluorobiphenyl	12.805	172	3437252	68.687	ng		0.00
79) Terphenyl-d14	19.514	244	4993505	54.123	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	16751m	3.529	ng		
3) Pyridine	3.774	79	37753m	2.811	ng		
4) n-Nitrosodimethylamine	3.627	42	18562m	3.572	ng		
6) Aniline	7.017	93	64702	4.784	ng		100
8) 2-Chlorophenol	7.217	128	55177	3.615	ng		95
9) Benzaldehyde	6.788	77	41994	4.929	ng		98
10) Phenol	6.970	94	71912m	3.755	ng		
11) bis(2-Chloroethyl)ether	7.047	93	47914	3.050	ng		99
12) 1,3-Dichlorobenzene	7.458	146	57800	3.511	ng		97
13) 1,4-Dichlorobenzene	7.605	146	59457	3.537	ng		99
14) 1,2-Dichlorobenzene	7.934	146	58591	3.561	ng		97
15) Benzyl Alcohol	7.910	79	52117	4.954	ng	#	72
16) 2,2'-oxybis(1-Chloropr...	8.069	45	78692	3.981	ng		98
17) 2-Methylphenol	8.151	107	41342	3.190	ng		97
18) Hexachloroethane	8.627	117	18332	3.340	ng		99
19) n-Nitroso-di-n-propyla...	8.375	70	43448	3.710	ng		98
20) 3+4-Methylphenols	8.486	107	57384	3.208	ng		96
22) Acetophenone	8.427	105	94129	3.664	ng	#	98
24) Nitrobenzene	8.821	77	69963	3.649	ng		100
25) Isophorone	9.273	82	124217	3.534	ng		99
26) 2-Nitrophenol	9.508	139	29353	3.167	ng		99
28) bis(2-Chloroethoxy)met...	9.779	93	73582	3.452	ng		99
29) 2,4-Dichlorophenol	10.061	162	51172	3.172	ng		98
30) 1,2,4-Trichlorobenzene	10.184	180	60365	3.435	ng		96
31) Naphthalene	10.384	128	199759	3.464	ng		100
32) Benzoic acid	9.826	122	14302m	9.204	ng		
33) 4-Chloroaniline	10.613	127	76424	3.812	ng		99
34) Hexachlorobutadiene	10.637	225	33707	3.240	ng		96
35) Caprolactam	11.395	113	18409m	2.977	ng		
36) 4-Chloro-3-methylphenol	11.782	107	57298	3.119	ng		99
37) 2-Methylnaphthalene	11.976	142	146105	3.517	ng		100
38) 1-Methylnaphthalene	12.205	142	138450	3.339	ng		99
40) 1,2,4,5-Tetrachloroben...	12.335	216	73388	3.450	ng		98
43) 2,4,6-Trichlorophenol	12.652	196	46152	3.147	ng		97
44) 2,4,5-Trichlorophenol	12.752	196	51848	3.087	ng		98
46) 1,1'-Biphenyl	13.004	154	216843	3.735	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47)	2-Chloronaphthalene	13.051	162	154728	3.373	ng	98
48)	2-Nitroaniline	13.386	65	35543	2.879	ng	96
49)	Acenaphthylene	13.909	152	247553	3.649	ng	100
50)	Dimethylphthalate	13.680	163	206931	3.459	ng	99
51)	2,6-Dinitrotoluene	13.815	165	41109	2.976	ng	92
52)	Acenaphthene	14.238	154	151951	3.430	ng	99
53)	3-Nitroaniline	14.232	138	43209	3.146	ng	97
54)	2,4-Dinitrophenol	14.368	184	13951	6.938	ng	97
55)	Dibenzofuran	14.585	168	253754	3.594	ng	97
56)	4-Nitrophenol	14.644	139	31228	2.483	ng	97
57)	2,4-Dinitrotoluene	14.603	165	53479	2.813	ng	95
58)	Fluorene	15.219	166	203247	3.441	ng	98
59)	2,3,4,6-Tetrachlorophenol	14.849	232	51792	3.338	ng	99
60)	Diethylphthalate	15.008	149	213866	3.418	ng	98
61)	4-Chlorophenyl-phenyle...	15.208	204	102769	3.506	ng	98
62)	4-Nitroaniline	15.413	138	42137	2.757	ng	97
63)	Azobenzene	15.507	77	187114	3.479	ng	98
65)	4,6-Dinitro-2-methylph...	15.343	198	25758	2.298	ng	88
66)	n-Nitrosodiphenylamine	15.460	169	179303	3.545	ng	99
67)	4-Bromophenyl-phenylether	16.095	248	69262	3.452	ng	97
68)	Hexachlorobenzene	16.201	284	89632	3.408	ng	95
69)	Atrazine	16.389	200	64813	4.180	ng	98
70)	Pentachlorophenol	16.606	266	40354	2.666	ng	98
71)	Phenanthrene	16.953	178	343126	3.758	ng	97
72)	Anthracene	17.041	178	315594	3.539	ng	97
73)	Carbazole	17.370	167	321366	3.522	ng	99
74)	Di-n-butylphthalate	17.822	149	381584	3.799	ng	97
75)	Fluoranthene	18.956	202	410208	3.699	ng	96
77)	Benzidine	19.215	184	86581	3.213	ng	99
78)	Pyrene	19.326	202	439609	3.765	ng	95
80)	Butylbenzylphthalate	20.178	149	183344	3.581	ng	96
81)	Benzo(a)anthracene	21.054	228	472107	3.956	ng	95
82)	3,3'-Dichlorobenzidine	21.030	252	159340	3.408	ng	99
83)	Chrysene	21.107	228	458603	3.974	ng	93
84)	Bis(2-ethylhexyl)phtha...	20.883	149	250237	3.680	ng	97
85)	Di-n-octyl phthalate	21.729	149	424940	3.807	ng	100
87)	Indeno(1,2,3-cd)pyrene	25.660	276	639636	3.649	ng	99
88)	Benzo(b)fluoranthene	22.646	252	508859	3.728	ng	98
89)	Benzo(k)fluoranthene	22.687	252	485473	3.806	ng	97
90)	Benzo(a)pyrene	23.245	252	450543	3.774	ng	99
91)	Dibenzo(a,h)anthracene	25.660	278	524978	3.624	ng	99
92)	Benzo(g,h,i)perylene	26.406	276	494206	3.311	ng	98

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

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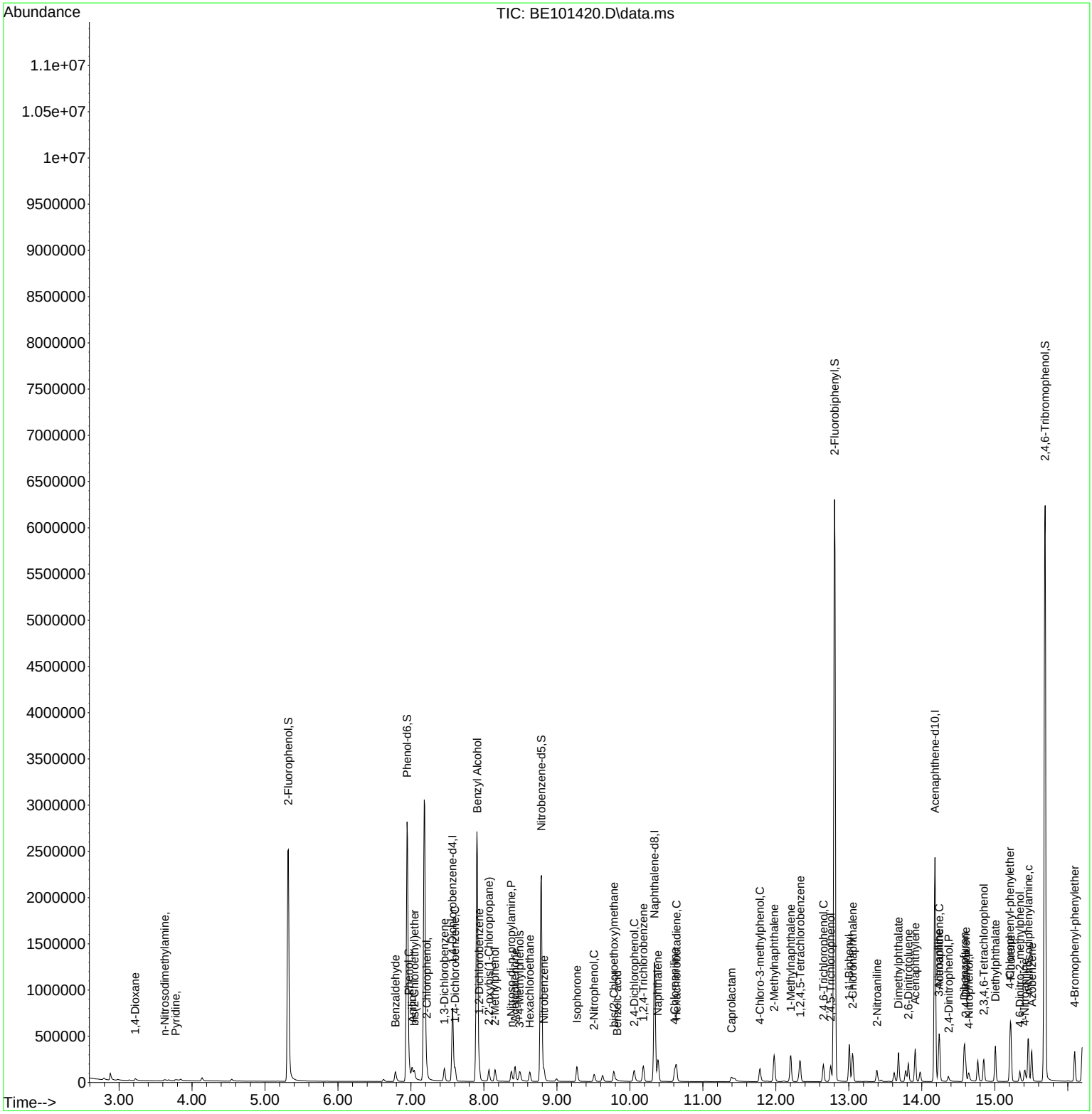

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