Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048214.D
Acq On : 24 Oct 2024 13:09
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-10 ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 24 13:42:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 18:21:59 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	180596	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	728323	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	453265	20.000	ng		0.00
64) Phenanthrene-d10	17.110	188	911693	20.000	ng		0.00
76) Chrysene-d12	21.333	240	841992	20.000	ng		0.00
86) Perylene-d12	24.286	264	892735	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	936854	87.200	ng		0.00
7) Phenol-d6	6.898	99	1212384	86.650	ng		0.00
23) Nitrobenzene-d5	8.881	82	794778	61.615	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	487461	87.862	ng		0.00
45) 2-Fluorobiphenyl	12.986	172	1847449	62.544	ng		0.00
79) Terphenyl-d14	19.733	244	2498687	60.561	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	34011	7.734	ng		99
3) Pyridine	3.616	79	81148	6.946	ng		99
4) n-Nitrosodimethylamine	3.516	42	37255	7.511	ng	#	91
6) Aniline	7.051	93	106456	9.166	ng		99
8) 2-Chlorophenol	7.287	128	89597	7.676	ng		98
9) Benzaldehyde	6.863	77	70900m	10.314	ng		
10) Phenol	6.928	94	106653	7.576	ng		98
11) bis(2-Chloroethyl)ether	7.146	93	84451	7.532	ng		96
12) 1,3-Dichlorobenzene	7.610	146	100373	7.459	ng		96
13) 1,4-Dichlorobenzene	7.757	146	102789	7.519	ng		96
14) 1,2-Dichlorobenzene	8.069	146	98710	7.471	ng		99
15) Benzyl Alcohol	7.969	79	64264	7.199	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.240	45	128811	7.854	ng		99
17) 2-Methylphenol	8.175	107	62484	6.680	ng		98
18) Hexachloroethane	8.798	117	35936	7.172	ng		93
19) n-Nitroso-di-n-propyla...	8.528	70	62762	7.090	ng		99
20) 3+4-Methylphenols	8.504	107	83604	6.452	ng		94
22) Acetophenone	8.545	105	132783	7.470	ng	#	98
24) Nitrobenzene	8.922	77	94572	7.076	ng		99
25) Isophorone	9.445	82	169812	7.182	ng		99
26) 2-Nitrophenol	9.634	139	39707	6.435	ng		96
27) 2,4-Dimethylphenol	9.698	122	28045	3.746	ng		95
28) bis(2-Chloroethoxy)met...	9.928	93	106325	7.106	ng		98
29) 2,4-Dichlorophenol	10.181	162	73169	6.794	ng		97
30) 1,2,4-Trichlorobenzene	10.375	180	87365	7.083	ng		99
31) Naphthalene	10.563	128	273669	7.204	ng		100
32) Benzoic acid	9.804	122	72614m	8.713	ng		
33) 4-Chloroaniline	10.686	127	91680	7.442	ng		98
34) Hexachlorobutadiene	10.845	225	52937	6.924	ng		97
35) Caprolactam	11.457	113	22403m	6.403	ng		
36) 4-Chloro-3-methylphenol	11.816	107	73184	6.509	ng		97
37) 2-Methylnaphthalene	12.180	142	179428	7.070	ng		98
38) 1-Methylnaphthalene	12.398	142	170328	6.768	ng		100
40) 1,2,4,5-Tetrachloroben...	12.551	216	99016	7.643	ng		100
41) Hexachlorocyclopentadiene	12.528	237	31837	7.262	ng		95
43) 2,4,6-Trichlorophenol	12.798	196	58042	6.751	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	62352	6.504	ng		98
46) 1,1'-Biphenyl	13.198	154	249569	7.712	ng		99
47) 2-Chloronaphthalene	13.239	162	185391	7.266	ng		99
48) 2-Nitroaniline	13.451	65	44865	6.483	ng		96
49) Acenaphthylene	14.086	152	289486	7.776	ng		99
50) Dimethylphthalate	13.822	163	228783	7.394	ng		100
51) 2,6-Dinitrotoluene	13.945	165	43725	6.333	ng		96
52) Acenaphthene	14.427	154	170842	7.223	ng		97
53) 3-Nitroaniline	14.280	138	41012	6.299	ng	#	99
54) 2,4-Dinitrophenol	14.492	184	22531	5.585	ng		87
55) Dibenzofuran	14.763	168	283334	7.539	ng		100
56) 4-Nitrophenol	14.610	139	30341	5.221	ng		94
57) 2,4-Dinitrotoluene	14.739	165	57023	6.254	ng		98
58) Fluorene	15.416	166	219772	7.396	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	58513	7.363	ng		100
60) Diethylphthalate	15.186	149	222765	7.110	ng		99
61) 4-Chlorophenyl-phenyle...	15.410	204	110248	7.420	ng		96
62) 4-Nitroaniline	15.445	138	36824	5.465	ng		96
63) Azobenzene	15.704	77	201176	7.165	ng		98
65) 4,6-Dinitro-2-methylph...	15.504	198	41705	7.884	ng		98
66) n-Nitrosodiphenylamine	15.621	169	183720	7.341	ng		100
67) 4-Bromophenyl-phenylether	16.304	248	67469	7.299	ng		97
68) Hexachlorobenzene	16.415	284	81235	7.317	ng		98
69) Atrazine	16.580	200	61747	8.817	ng		98
70) Pentachlorophenol	16.768	266	84279	11.563	ng		100
71) Phenanthrene	17.151	178	345281	7.648	ng		99
72) Anthracene	17.245	178	296233	6.779	ng		99
73) Carbazole	17.515	167	291748	6.810	ng		99
74) Di-n-butylphthalate	18.074	149	357336	6.701	ng		100
75) Fluoranthene	19.168	202	379027	7.038	ng		98
77) Benzidine	19.362	184	58853m	6.056	ng		
78) Pyrene	19.527	202	401011	7.116	ng		99
80) Butylbenzylphthalate	20.427	149	150927	6.404	ng		96
81) Benzo(a)anthracene	21.315	228	389278	7.235	ng		99
82) 3,3'-Dichlorobenzidine	21.245	252	118636	6.437	ng		99
83) Chrysene	21.374	228	387611	7.505	ng		99
84) Bis(2-ethylhexyl)phtha...	21.239	149	231417	6.756	ng		99
85) Di-n-octyl phthalate	22.350	149	365326	6.158	ng	#	99
87) Indeno(1,2,3-cd)pyrene	27.603	276	453132	7.676	ng		99
88) Benzo(b)fluoranthene	23.350	252	386508	7.551	ng		99
89) Benzo(k)fluoranthene	23.415	252	390342	7.887	ng		99
90) Benzo(a)pyrene	24.144	252	345029	7.753	ng		100
91) Dibenzo(a,h)anthracene	27.662	278	369163	7.509	ng		98
92) Benzo(g,h,i)perylene	28.644	276	358799	7.127	ng		97

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

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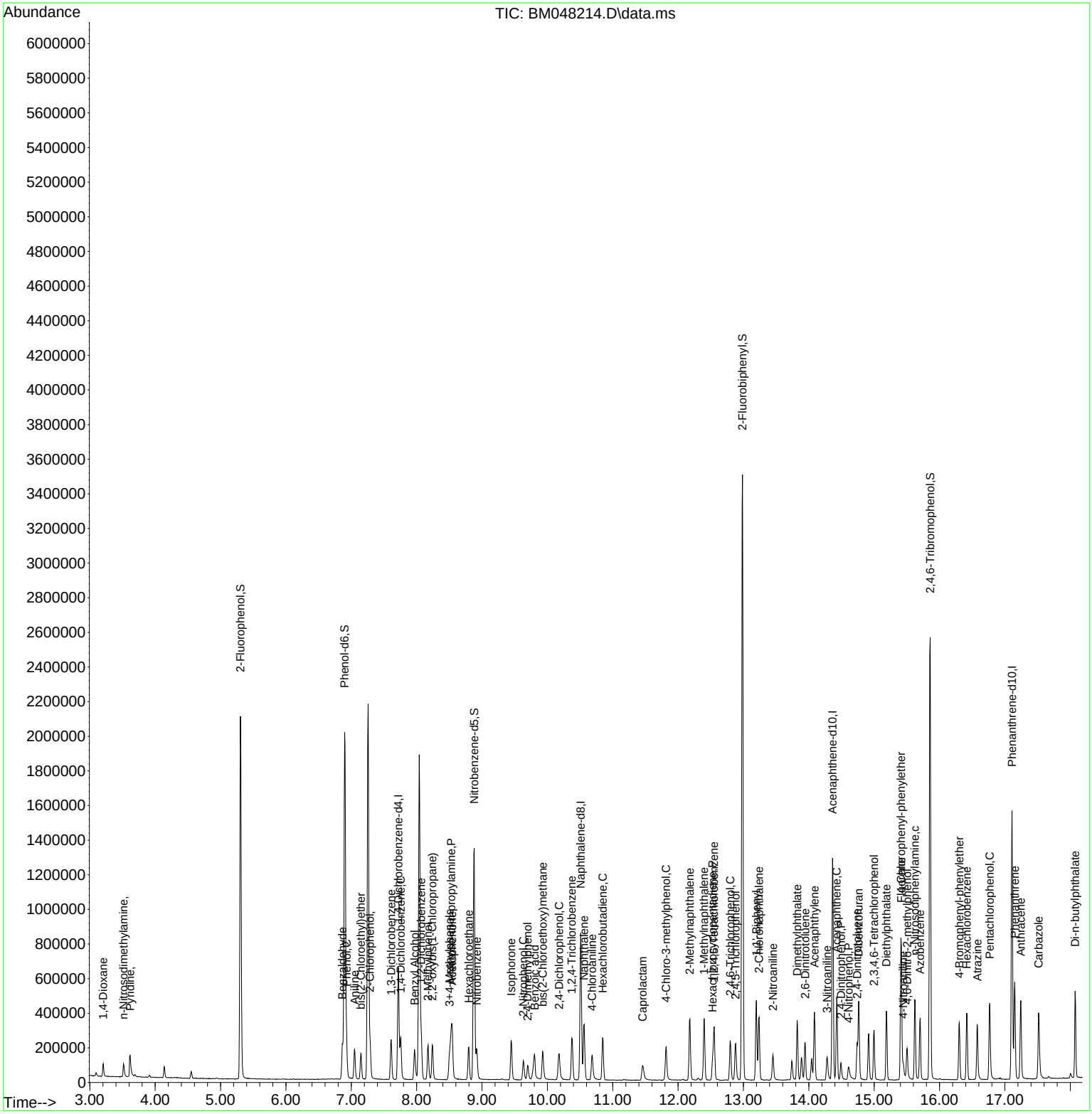

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