Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
Data File : BM048231.D
Acq On : 25 Oct 2024 10:47
Operator : RC/JU
Sample : P4368-09
Misc : MDL-MDL-WATER-8 ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 25 11:24:54 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 :
MDL-WATER-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	227983	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	918288	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	575648	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	1139804	20.000	ng		0.00
76) Chrysene-d12	21.327	240	1026711	20.000	ng		-0.01
86) Perylene-d12	24.280	264	1112637	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1699390	125.298	ng		0.00
7) Phenol-d6	6.898	99	2232678	126.403	ng		0.00
23) Nitrobenzene-d5	8.875	82	1487905	91.487	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	887254	125.923	ng		0.00
45) 2-Fluorobiphenyl	12.980	172	3322939	88.579	ng		0.00
79) Terphenyl-d14	19.733	244	4031179	80.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	47665	8.586	ng		99
3) Pyridine	3.610	79	108340	7.346	ng		98
4) n-Nitrosodimethylamine	3.516	42	51631	8.245	ng	#	96
6) Aniline	7.051	93	152246	10.384	ng		98
8) 2-Chlorophenol	7.287	128	125139	8.493	ng		97
9) Benzaldehyde	6.863	77	106269m	12.246	ng		
10) Phenol	6.922	94	148924	8.380	ng		94
11) bis(2-Chloroethyl)ether	7.145	93	119694	8.456	ng		100
12) 1,3-Dichlorobenzene	7.604	146	142373	8.381	ng		99
13) 1,4-Dichlorobenzene	7.751	146	146959	8.515	ng		98
14) 1,2-Dichlorobenzene	8.069	146	138101	8.280	ng		98
15) Benzyl Alcohol	7.963	79	89639	7.955	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.239	45	186345	9.001	ng		99
17) 2-Methylphenol	8.169	107	94109	7.970	ng		97
18) Hexachloroethane	8.792	117	51481	8.139	ng		96
19) n-Nitroso-di-n-propyla...	8.522	70	91312	8.171	ng		99
20) 3+4-Methylphenols	8.498	107	125286	7.659	ng		99
22) Acetophenone	8.539	105	191514	8.545	ng	#	99
24) Nitrobenzene	8.916	77	141242	8.382	ng		97
25) Isophorone	9.445	82	239227	8.025	ng		99
26) 2-Nitrophenol	9.628	139	57093	7.338	ng		95
27) 2,4-Dimethylphenol	9.692	122	53980	5.718	ng		97
28) bis(2-Chloroethoxy)met...	9.922	93	153058	8.114	ng		97
29) 2,4-Dichlorophenol	10.169	162	102842	7.573	ng		98
30) 1,2,4-Trichlorobenzene	10.375	180	124511	8.006	ng		98
31) Naphthalene	10.557	128	389655	8.136	ng		100
32) Benzoic acid	9.792	122	55432m	5.276	ng		
33) 4-Chloroaniline	10.680	127	136338	8.777	ng		98
34) Hexachlorobutadiene	10.845	225	76060	7.891	ng		97
35) Caprolactam	11.451	113	28895	6.551	ng		91
36) 4-Chloro-3-methylphenol	11.810	107	105367	7.433	ng		97
37) 2-Methylnaphthalene	12.174	142	256097	8.003	ng		100
38) 1-Methylnaphthalene	12.398	142	241383	7.607	ng		100
40) 1,2,4,5-Tetrachloroben...	12.551	216	138128	8.395	ng		100
41) Hexachlorocyclopentadiene	12.527	237	29464	5.292	ng		96
43) 2,4,6-Trichlorophenol	12.798	196	80820	7.402	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.874	196	90473	7.430	ng		99
46) 1,1'-Biphenyl	13.192	154	354918	8.636	ng		98
47) 2-Chloronaphthalene	13.233	162	261727	8.077	ng		100
48) 2-Nitroaniline	13.445	65	64048	7.287	ng		95
49) Acenaphthylene	14.080	152	409609	8.664	ng		99
50) Dimethylphthalate	13.821	163	314214	7.996	ng		100
51) 2,6-Dinitrotoluene	13.939	165	61892	7.059	ng		92
52) Acenaphthene	14.427	154	239873	7.985	ng		99
53) 3-Nitroaniline	14.274	138	57370	6.938	ng	#	96
54) 2,4-Dinitrophenol	14.492	184	25147	4.908	ng		98
55) Dibenzofuran	14.763	168	396754	8.313	ng		100
56) 4-Nitrophenol	14.604	139	40778	5.525	ng		92
57) 2,4-Dinitrotoluene	14.733	165	80011	6.910	ng		92
58) Fluorene	15.410	166	309216	8.193	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	79573	7.884	ng		99
60) Diethylphthalate	15.186	149	304735	7.659	ng		99
61) 4-Chlorophenyl-phenyle...	15.404	204	154321	8.178	ng		99
62) 4-Nitroaniline	15.439	138	55085	6.437	ng		94
63) Azobenzene	15.698	77	289566	8.120	ng		100
65) 4,6-Dinitro-2-methylph...	15.504	198	40454	6.117	ng		98
66) n-Nitrosodiphenylamine	15.621	169	257429	8.227	ng		99
67) 4-Bromophenyl-phenylether	16.298	248	93877	8.124	ng		98
68) Hexachlorobenzene	16.415	284	110488	7.960	ng		99
69) Atrazine	16.574	200	83877	9.580	ng		99
70) Pentachlorophenol	16.762	266	61019	6.696	ng		99
71) Phenanthrene	17.145	178	475004	8.416	ng		99
72) Anthracene	17.239	178	430275	7.875	ng		99
73) Carbazole	17.515	167	415458	7.757	ng		99
74) Di-n-butylphthalate	18.074	149	487771	7.316	ng		99
75) Fluoranthene	19.162	202	516260	7.668	ng		98
77) Benzidine	19.356	184	112726	9.513	ng		98
78) Pyrene	19.527	202	544590	7.925	ng		99
80) Butylbenzylphthalate	20.421	149	205415	7.148	ng		94
81) Benzo(a)anthracene	21.309	228	532871	8.122	ng		99
82) 3,3'-Dichlorobenzidine	21.239	252	177451	7.896	ng		99
83) Chrysene	21.368	228	520345	8.263	ng		99
84) Bis(2-ethylhexyl)phtha...	21.233	149	307922	7.372	ng		99
85) Di-n-octyl phthalate	22.344	149	472572	6.533	ng		99
87) Indeno(1,2,3-cd)pyrene	27.597	276	609277	8.281	ng		99
88) Benzo(b)fluoranthene	23.344	252	503871	7.898	ng		99
89) Benzo(k)fluoranthene	23.409	252	533731	8.653	ng		99
90) Benzo(a)pyrene	24.138	252	455822	8.219	ng		99
91) Dibenzo(a,h)anthracene	27.650	278	502006	8.193	ng		99
92) Benzo(g,h,i)perylene	28.626	276	475416	7.578	ng		99

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

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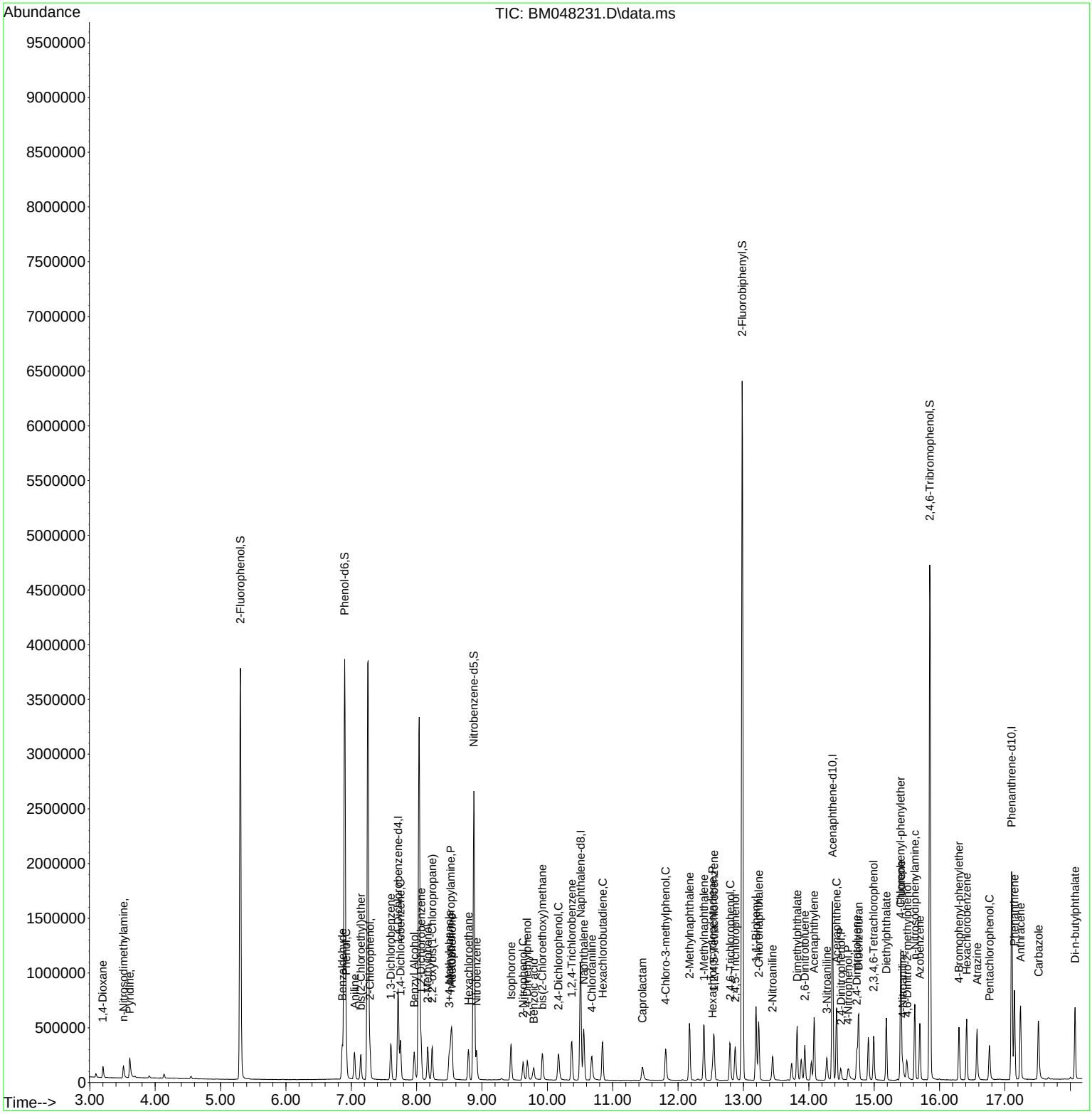

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