Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048213.D
Acq On : 24 Oct 2024 12:29
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-05 ng
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 13:12:21 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	220248	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	865496	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	551100	20.000	ng		0.00
64) Phenanthrene-d10	17.110	188	1116185	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1020603	20.000	ng		0.00
86) Perylene-d12	24.286	264	1083068	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1402382	107.030	ng		0.00
7) Phenol-d6	6.904	99	1882646	110.329	ng		0.00
23) Nitrobenzene-d5	8.881	82	1271885	82.975	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	764705	113.365	ng		0.00
45) 2-Fluorobiphenyl	12.986	172	2929078	81.558	ng		0.00
79) Terphenyl-d14	19.733	244	3910563	78.193	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	31034	5.786	ng		99
3) Pyridine	3.616	79	69121	4.851	ng		96
4) n-Nitrosodimethylamine	3.516	42	35047	5.794	ng	#	98
6) Aniline	7.051	93	101070	7.136	ng		98
8) 2-Chlorophenol	7.287	128	82697	5.809	ng		98
9) Benzaldehyde	6.863	77	66119m	7.887	ng		
10) Phenol	6.928	94	98806	5.755	ng		95
11) bis(2-Chloroethyl)ether	7.146	93	81916	5.990	ng		98
12) 1,3-Dichlorobenzene	7.610	146	92917	5.662	ng		99
13) 1,4-Dichlorobenzene	7.757	146	95876	5.750	ng		98
14) 1,2-Dichlorobenzene	8.069	146	92485	5.740	ng		99
15) Benzyl Alcohol	7.969	79	59588	5.474	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	122295	6.114	ng		98
17) 2-Methylphenol	8.175	107	59882	5.249	ng		99
18) Hexachloroethane	8.793	117	34076	5.576	ng		96
19) n-Nitroso-di-n-propyla...	8.528	70	60637	5.617	ng		98
20) 3+4-Methylphenols	8.504	107	80885	5.118	ng		95
22) Acetophenone	8.545	105	126797	6.003	ng	#	98
24) Nitrobenzene	8.922	77	92060	5.796	ng		99
25) Isophorone	9.451	82	158351	5.636	ng		97
26) 2-Nitrophenol	9.634	139	37706	5.142	ng		94
27) 2,4-Dimethylphenol	9.704	122	32588m	3.663	ng		
28) bis(2-Chloroethoxy)met...	9.928	93	98892	5.562	ng		99
29) 2,4-Dichlorophenol	10.181	162	67297	5.258	ng		96
30) 1,2,4-Trichlorobenzene	10.375	180	83563	5.701	ng		99
31) Naphthalene	10.563	128	258128	5.718	ng		100
32) Benzoic acid	9.792	122	39421m	3.981	ng		
33) 4-Chloroaniline	10.687	127	86110	5.882	ng		98
34) Hexachlorobutadiene	10.845	225	49125	5.407	ng		91
35) Caprolactam	11.457	113	20487	4.928	ng		99
36) 4-Chloro-3-methylphenol	11.816	107	71234	5.332	ng		97
37) 2-Methylnaphthalene	12.181	142	169206	5.610	ng		99
38) 1-Methylnaphthalene	12.398	142	160309	5.360	ng		98
40) 1,2,4,5-Tetrachloroben...	12.551	216	92142	5.850	ng		99
41) Hexachlorocyclopentadiene	12.528	237	10208	1.915	ng		97
43) 2,4,6-Trichlorophenol	12.798	196	55644	5.323	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	60840	5.219	ng		99
46) 1,1'-Biphenyl	13.198	154	240883	6.122	ng		99
47) 2-Chloronaphthalene	13.239	162	180105	5.805	ng		95
48) 2-Nitroaniline	13.451	65	43148	5.128	ng		98
49) Acenaphthylene	14.086	152	278610	6.155	ng		99
50) Dimethylphthalate	13.827	163	219550	5.836	ng		98
51) 2,6-Dinitrotoluene	13.945	165	42896	5.110	ng		99
52) Acenaphthene	14.427	154	163542	5.687	ng		99
53) 3-Nitroaniline	14.280	138	39023	4.929	ng	#	99
54) 2,4-Dinitrophenol	14.492	184	18590	3.790	ng	#	88
55) Dibenzofuran	14.763	168	271680	5.946	ng		99
56) 4-Nitrophenol	14.610	139	28321	4.008	ng		93
57) 2,4-Dinitrotoluene	14.739	165	53201	4.799	ng		96
58) Fluorene	15.416	166	214144	5.927	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	53939	5.583	ng		99
60) Diethylphthalate	15.186	149	213954	5.617	ng		99
61) 4-Chlorophenyl-phenyle...	15.410	204	105806	5.857	ng		98
62) 4-Nitroaniline	15.445	138	34156	4.169	ng		94
63) Azobenzene	15.704	77	191554	5.611	ng		98
65) 4,6-Dinitro-2-methylph...	15.504	198	28204	4.355	ng		98
66) n-Nitrosodiphenylamine	15.627	169	176957	5.775	ng		99
67) 4-Bromophenyl-phenylether	16.304	248	63059	5.572	ng		99
68) Hexachlorobenzene	16.421	284	78151	5.750	ng		98
69) Atrazine	16.574	200	59358	6.923	ng		99
70) Pentachlorophenol	16.768	266	41755	4.679	ng		97
71) Phenanthrene	17.151	178	332023	6.007	ng		99
72) Anthracene	17.245	178	289959	5.419	ng		99
73) Carbazole	17.515	167	289051	5.511	ng		99
74) Di-n-butylphthalate	18.074	149	356182	5.456	ng		100
75) Fluoranthene	19.168	202	364278	5.525	ng		99
77) Benzidine	19.357	184	44662	3.792	ng		99
78) Pyrene	19.527	202	385964	5.650	ng		100
80) Butylbenzylphthalate	20.427	149	148089	5.184	ng		96
81) Benzo(a)anthracene	21.315	228	374701	5.745	ng		99
82) 3,3'-Dichlorobenzidine	21.245	252	112743	5.047	ng		98
83) Chrysene	21.374	228	370356	5.916	ng		99
84) Bis(2-ethylhexyl)phtha...	21.239	149	219943	5.297	ng		99
85) Di-n-octyl phthalate	22.350	149	345722	4.808	ng		99
87) Indeno(1,2,3-cd)pyrene	27.609	276	422637	5.901	ng		99
88) Benzo(b)fluoranthene	23.350	252	364973	5.877	ng		99
89) Benzo(k)fluoranthene	23.415	252	366404	6.103	ng		98
90) Benzo(a)pyrene	24.144	252	321929	5.963	ng		99
91) Dibenzo(a,h)anthracene	27.656	278	347842	5.832	ng		99
92) Benzo(g,h,i)perylene	28.644	276	334699	5.480	ng		98

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

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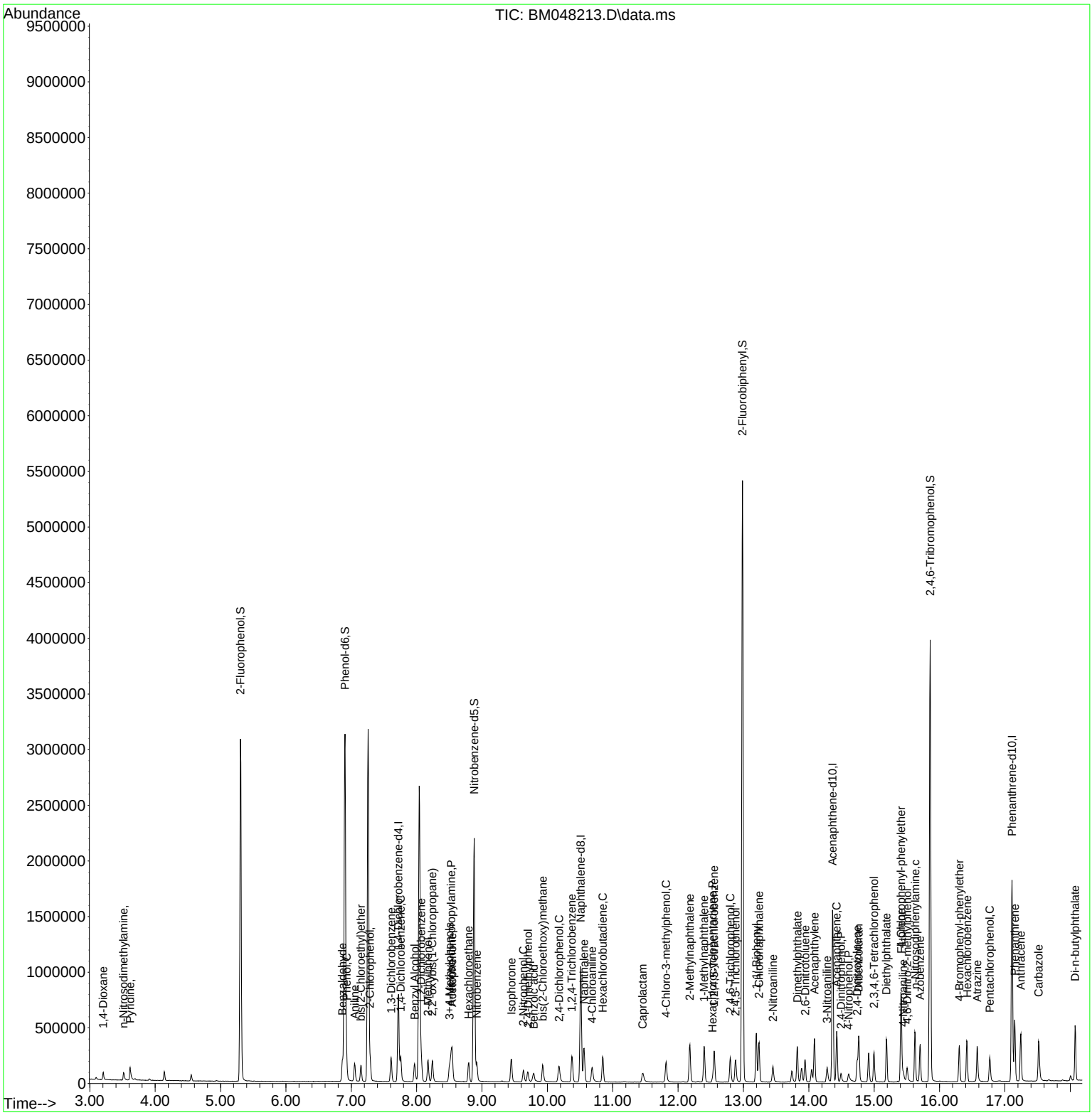

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