Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048222.D
Acq On : 24 Oct 2024 18:27
Operator : RC/JU
Sample : P4368-07
Misc : LOD-MDL-WATER-08 ng
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 24 23:58:23 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 :
LOD-MDL-WATER-01-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	7.716	152	202686	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	812489	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	512546	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	1024738	20.000	ng		0.00
76) Chrysene-d12	21.333	240	985684	20.000	ng		0.00
86) Perylene-d12	24.286	264	1094292	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1503223	124.667	ng		0.00
7) Phenol-d6	6.898	99	1960106	124.822	ng		0.00
23) Nitrobenzene-d5	8.875	82	1302510	90.516	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	798921	127.346	ng		0.00
45) 2-Fluorobiphenyl	12.986	172	2935457	87.884	ng		0.00
79) Terphenyl-d14	19.733	244	3773259	78.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	42142	8.538	ng		98
3) Pyridine	3.610	79	97465	7.434	ng		98
4) n-Nitrosodimethylamine	3.516	42	46669	8.383	ng	#	97
6) Aniline	7.051	93	136973	10.508	ng		98
8) 2-Chlorophenol	7.287	128	111305	8.497	ng		97
9) Benzaldehyde	6.863	77	91097m	11.808	ng		
10) Phenol	6.928	94	131873	8.347	ng		98
11) bis(2-Chloroethyl)ether	7.145	93	104103	8.273	ng		95
12) 1,3-Dichlorobenzene	7.610	146	126187	8.355	ng		98
13) 1,4-Dichlorobenzene	7.751	146	128848	8.398	ng		98
14) 1,2-Dichlorobenzene	8.069	146	121525	8.195	ng		98
15) Benzyl Alcohol	7.963	79	78995	7.885	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.240	45	161888	8.795	ng		98
17) 2-Methylphenol	8.169	107	82146	7.825	ng		98
18) Hexachloroethane	8.792	117	45101	8.020	ng		94
19) n-Nitroso-di-n-propyla...	8.528	70	80088	8.061	ng		98
20) 3+4-Methylphenols	8.504	107	108180	7.439	ng		97
22) Acetophenone	8.540	105	169301	8.538	ng	#	99
24) Nitrobenzene	8.916	77	119514	8.016	ng		99
25) Isophorone	9.445	82	213151	8.081	ng		98
26) 2-Nitrophenol	9.634	139	50194	7.291	ng		93
27) 2,4-Dimethylphenol	9.698	122	48270	5.779	ng		96
28) bis(2-Chloroethoxy)met...	9.928	93	134622	8.066	ng		99
29) 2,4-Dichlorophenol	10.175	162	91446	7.611	ng		97
30) 1,2,4-Trichlorobenzene	10.375	180	110022	7.996	ng		98
31) Naphthalene	10.557	128	342084	8.073	ng		99
32) Benzoic acid	9.792	122	44040	4.737	ng		96
33) 4-Chloroaniline	10.681	127	120369	8.758	ng		98
34) Hexachlorobutadiene	10.845	225	66521	7.800	ng		97
35) Caprolactam	11.457	113	26601	6.816	ng		91
36) 4-Chloro-3-methylphenol	11.810	107	92167	7.348	ng		98
37) 2-Methylnaphthalene	12.175	142	224599	7.933	ng		99
38) 1-Methylnaphthalene	12.398	142	214744	7.649	ng		100
40) 1,2,4,5-Tetrachloroben...	12.551	216	121696	8.307	ng		99
41) Hexachlorocyclopentadiene	12.527	237	27120	5.471	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	73285	7.538	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	79088	7.295	ng	99
46) 1,1'-Biphenyl	13.192	154	310499	8.485	ng	98
47) 2-Chloronaphthalene	13.233	162	231906	8.037	ng	99
48) 2-Nitroaniline	13.445	65	57390	7.333	ng	93
49) Acenaphthylene	14.086	152	363477	8.635	ng	99
50) Dimethylphthalate	13.822	163	279095	7.976	ng	99
51) 2,6-Dinitrotoluene	13.939	165	55428	7.100	ng	92
52) Acenaphthene	14.427	154	215151	8.044	ng	97
53) 3-Nitroaniline	14.280	138	53778	7.304	ng	100
54) 2,4-Dinitrophenol	14.492	184	24077	5.277	ng	90
55) Dibenzofuran	14.763	168	352467	8.294	ng	98
56) 4-Nitrophenol	14.604	139	37970	5.778	ng	85
57) 2,4-Dinitrotoluene	14.739	165	69846	6.775	ng	92
58) Fluorene	15.410	166	274832	8.179	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	73160	8.141	ng	99
60) Diethylphthalate	15.186	149	272647	7.696	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	137844	8.204	ng	95
62) 4-Nitroaniline	15.439	138	47185	6.192	ng	93
63) Azobenzene	15.698	77	254186	8.005	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	36951	6.215	ng	98
66) n-Nitrosodiphenylamine	15.621	169	229949	8.174	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	83190	8.007	ng	97
68) Hexachlorobenzene	16.415	284	99444	7.969	ng	98
69) Atrazine	16.574	200	77180	9.805	ng	98
70) Pentachlorophenol	16.768	266	56050	6.842	ng	98
71) Phenanthrene	17.151	178	428710	8.449	ng	99
72) Anthracene	17.239	178	394877	8.039	ng	99
73) Carbazole	17.515	167	378969	7.870	ng	97
74) Di-n-butylphthalate	18.074	149	450407	7.515	ng	100
75) Fluoranthene	19.162	202	476454	7.871	ng	100
77) Benzidine	19.356	184	125406	11.024	ng	98
78) Pyrene	19.527	202	503143	7.626	ng	99
80) Butylbenzylphthalate	20.427	149	196442	7.120	ng	99
81) Benzo(a)anthracene	21.315	228	507419	8.056	ng	100
82) 3,3'-Dichlorobenzidine	21.245	252	173560	8.044	ng	99
83) Chrysene	21.374	228	501269	8.291	ng	99
84) Bis(2-ethylhexyl)phtha...	21.239	149	302722	7.550	ng	100
85) Di-n-octyl phthalate	22.350	149	477040	6.869	ng	99
87) Indeno(1,2,3-cd)pyrene	27.597	276	597865	8.262	ng	100
88) Benzo(b)fluoranthene	23.350	252	499829	7.966	ng	98
89) Benzo(k)fluoranthene	23.415	252	518125	8.541	ng	100
90) Benzo(a)pyrene	24.144	252	456057	8.361	ng	98
91) Dibenzo(a,h)anthracene	27.650	278	496334	8.237	ng	99
92) Benzo(g,h,i)perylene	28.638	276	478599	7.756	ng	97

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

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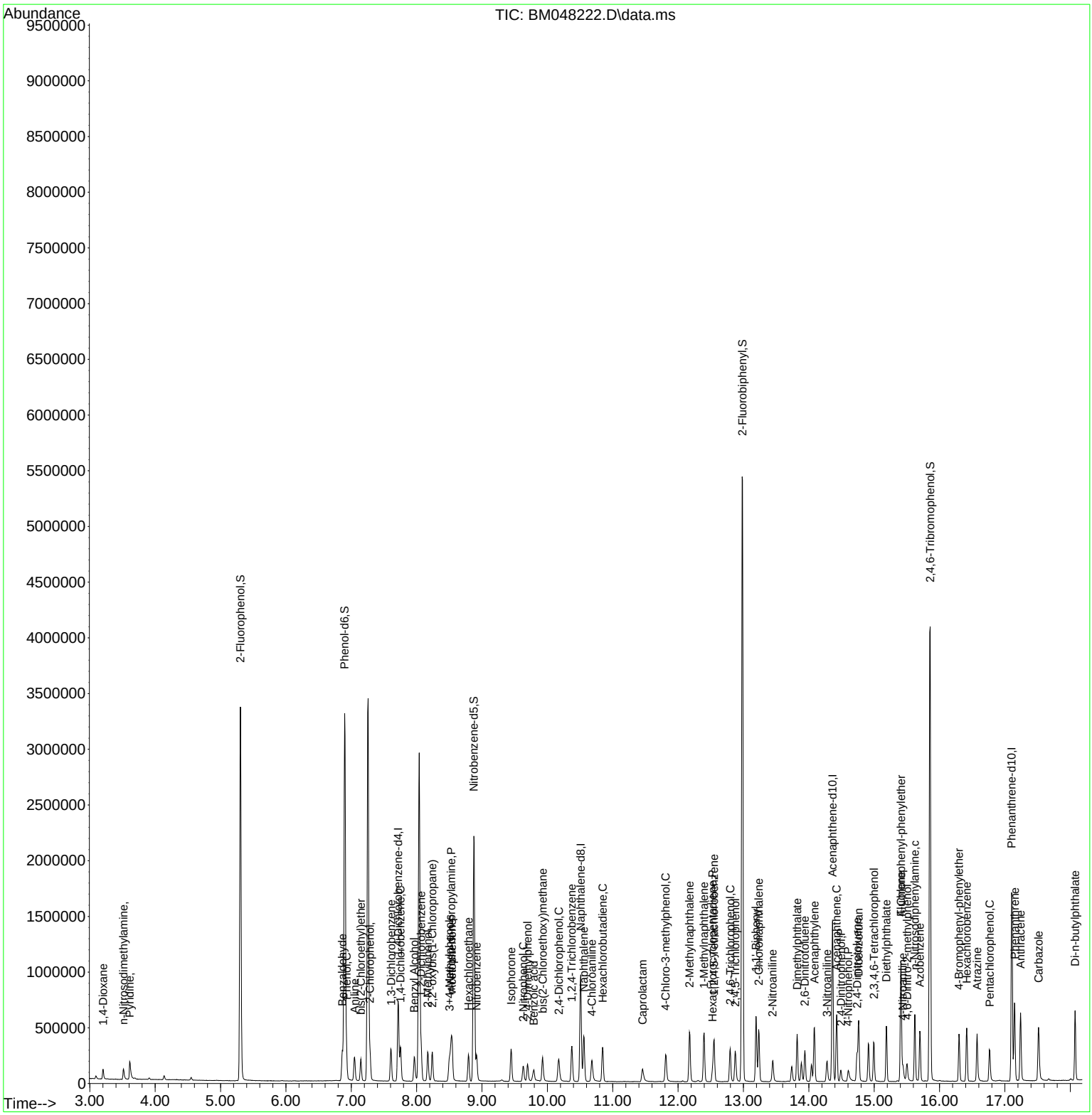

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