Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
Data File : BM048218.D
Acq On : 24 Oct 2024 15:49
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-10 ng
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 24 16:23:41 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	7.716	152	133286	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	533913	20.000	ng		0.00
39) Acenaphthene-d10	14.362	164	339157	20.000	ng		0.00
64) Phenanthrene-d10	17.103	188	695451	20.000	ng		0.00
76) Chrysene-d12	21.333	240	681603	20.000	ng		0.00
86) Perylene-d12	24.285	264	738617	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	700690	88.368	ng		0.00
7) Phenol-d6	6.898	99	908523	87.980	ng		0.00
23) Nitrobenzene-d5	8.875	82	587011	62.078	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	363436	87.547	ng		0.00
45) 2-Fluorobiphenyl	12.980	172	1367312	61.863	ng		0.00
79) Terphenyl-d14	19.733	244	1968172	58.927	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	43438	13.383	ng		99
3) Pyridine	3.610	79	99229	11.509	ng		97
4) n-Nitrosodimethylamine	3.516	42	44546	12.168	ng	#	98
6) Aniline	7.051	93	131657	15.359	ng		98
8) 2-Chlorophenol	7.286	128	108447	12.589	ng		99
9) Benzaldehyde	6.863	77	85231	16.799	ng		97
10) Phenol	6.922	94	128479	12.366	ng		94
11) bis(2-Chloroethyl)ether	7.145	93	101937	12.318	ng		99
12) 1,3-Dichlorobenzene	7.610	146	123938	12.479	ng		98
13) 1,4-Dichlorobenzene	7.751	146	123689	12.259	ng		99
14) 1,2-Dichlorobenzene	8.069	146	119971	12.303	ng		97
15) Benzyl Alcohol	7.963	79	77295	11.733	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.239	45	156763	12.951	ng		98
17) 2-Methylphenol	8.169	107	80405	11.647	ng		98
18) Hexachloroethane	8.792	117	44341	11.990	ng		99
19) n-Nitroso-di-n-propyla...	8.522	70	78180	11.967	ng		97
20) 3+4-Methylphenols	8.504	107	107576	11.249	ng		97
22) Acetophenone	8.539	105	161658	12.406	ng	#	99
24) Nitrobenzene	8.916	77	114153	11.651	ng		99
25) Isophorone	9.445	82	204785	11.815	ng		99
26) 2-Nitrophenol	9.633	139	49294	10.897	ng		96
27) 2,4-Dimethylphenol	9.698	122	46352	8.445	ng		94
28) bis(2-Chloroethoxy)met...	9.927	93	127809	11.653	ng		97
29) 2,4-Dichlorophenol	10.175	162	88799	11.247	ng		98
30) 1,2,4-Trichlorobenzene	10.374	180	106569	11.786	ng		98
31) Naphthalene	10.557	128	335125	12.035	ng		100
32) Benzoic acid	9.804	122	70007	11.459	ng		96
33) 4-Chloroaniline	10.680	127	114999	12.733	ng		98
34) Hexachlorobutadiene	10.845	225	64315	11.476	ng		97
35) Caprolactam	11.451	113	27094	10.564	ng		97
36) 4-Chloro-3-methylphenol	11.816	107	92688	11.246	ng		98
37) 2-Methylnaphthalene	12.174	142	221430	11.901	ng		99
38) 1-Methylnaphthalene	12.398	142	206529	11.194	ng		98
40) 1,2,4,5-Tetrachloroben...	12.551	216	117663	12.138	ng		98
41) Hexachlorocyclopentadiene	12.527	237	42287	12.891	ng		95
43) 2,4,6-Trichlorophenol	12.798	196	73535	11.431	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.874	196	81670	11.384	ng	99
46) 1,1'-Biphenyl	13.198	154	300268	12.400	ng	98
47) 2-Chloronaphthalene	13.233	162	224807	11.774	ng	99
48) 2-Nitroaniline	13.445	65	56065	10.827	ng	94
49) Acenaphthylene	14.086	152	354036	12.710	ng	99
50) Dimethylphthalate	13.821	163	278251	12.018	ng	100
51) 2,6-Dinitrotoluene	13.939	165	55812	10.804	ng	89
52) Acenaphthene	14.427	154	208911	11.804	ng	100
53) 3-Nitroaniline	14.280	138	54324	11.150	ng	99
54) 2,4-Dinitrophenol	14.486	184	27810	9.212	ng	95
55) Dibenzofuran	14.762	168	343187	12.205	ng	99
56) 4-Nitrophenol	14.604	139	41641	9.577	ng	94
57) 2,4-Dinitrotoluene	14.739	165	70556	10.342	ng	96
58) Fluorene	15.415	166	270816	12.180	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	71195	11.973	ng	100
60) Diethylphthalate	15.186	149	274156	11.695	ng	99
61) 4-Chlorophenyl-phenyle...	15.409	204	133719	12.028	ng	97
62) 4-Nitroaniline	15.445	138	50373	9.990	ng	93
63) Azobenzene	15.698	77	253165	12.049	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	46110	11.427	ng	99
66) n-Nitrosodiphenylamine	15.621	169	226499	11.864	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	81389	11.543	ng	94
68) Hexachlorobenzene	16.415	284	99631	11.765	ng	98
69) Atrazine	16.574	200	76511	14.323	ng	96
70) Pentachlorophenol	16.768	266	86324	15.526	ng	98
71) Phenanthrene	17.151	178	425099	12.344	ng	99
72) Anthracene	17.239	178	392896	11.786	ng	99
73) Carbazole	17.515	167	381299	11.668	ng	99
74) Di-n-butylphthalate	18.074	149	458493	11.271	ng	99
75) Fluoranthene	19.162	202	488438	11.890	ng	100
77) Benzidine	19.362	184	100789m	12.813	ng	
78) Pyrene	19.527	202	517050	11.333	ng	99
80) Butylbenzylphthalate	20.427	149	207508	10.877	ng	96
81) Benzo(a)anthracene	21.315	228	523667	12.023	ng	99
82) 3,3'-Dichlorobenzidine	21.244	252	177629	11.906	ng	98
83) Chrysene	21.374	228	521143	12.465	ng	100
84) Bis(2-ethylhexyl)phtha...	21.238	149	327118	11.797	ng	99
85) Di-n-octyl phthalate	22.350	149	523045	10.892	ng	99
87) Indeno(1,2,3-cd)pyrene	27.603	276	630561	12.910	ng	100
88) Benzo(b)fluoranthene	23.350	252	521840	12.322	ng	99
89) Benzo(k)fluoranthene	23.415	252	544910	13.308	ng	98
90) Benzo(a)pyrene	24.144	252	478736	13.003	ng	99
91) Dibenzo(a,h)anthracene	27.650	278	520371	12.794	ng	98
92) Benzo(g,h,i)perylene	28.632	276	495711	11.902	ng	100

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

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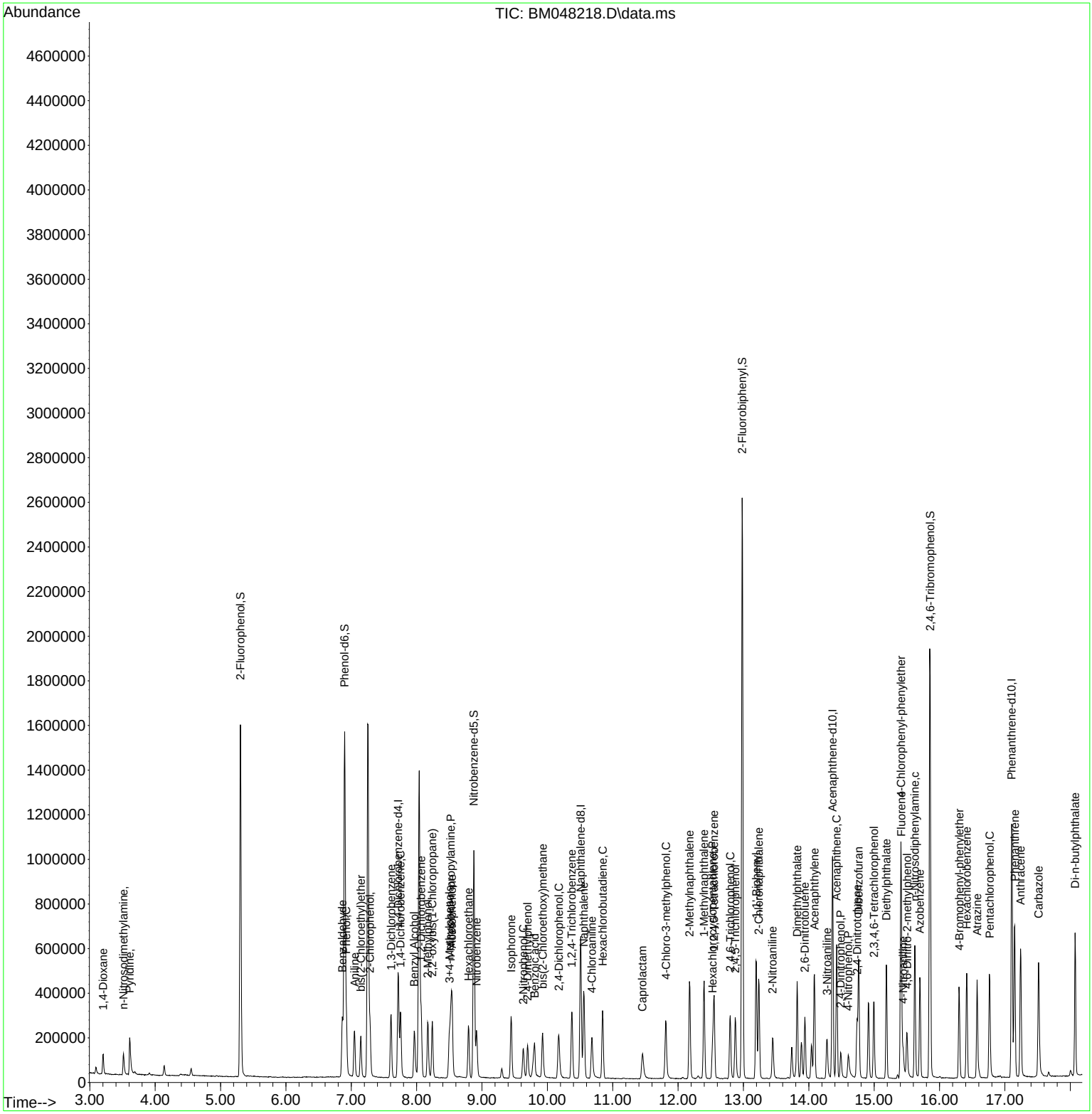

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