Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
Data File : BM047422.D
Acq On : 03 Sep 2024 12:46
Operator : RC/JU
Sample : P3751-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-CMC-ESLAG-1MS

Quant Time: Sep 03 13:47:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.340	152	202319	20.000	ng		-0.01
21) Naphthalene-d8	10.092	136	760631	20.000	ng		-0.01
39) Acenaphthene-d10	14.004	164	533963	20.000	ng		0.00
64) Phenanthrene-d10	16.774	188	1165329	20.000	ng		0.00
76) Chrysene-d12	21.015	240	1002779	20.000	ng		0.00
86) Perylene-d12	23.715	264	1028464	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.010	112	1431028	135.702	ng		0.00
7) Phenol-d6	6.569	99	1733256	120.653	ng		0.00
23) Nitrobenzene-d5	8.492	82	1313525	95.818	ng		0.00
42) 2,4,6-Tribromophenol	15.521	330	1025258	159.148	ng		0.00
45) 2-Fluorobiphenyl	12.610	172	3258622	93.768	ng		0.00
79) Terphenyl-d14	19.439	244	5899133	104.711	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.028	88	152343	35.294	ng	#	60
3) Pyridine	3.405	79	396118	33.066	ng		98
4) n-Nitrosodimethylamine	3.316	42	195825	40.136	ng		100
6) Aniline	6.698	93	454241	34.912	ng		99
8) 2-Chlorophenol	6.922	128	558660	47.331	ng		98
9) Benzaldehyde	6.510	77	134153	14.392	ng		98
10) Phenol	6.598	94	579882	41.028	ng		98
11) bis(2-Chloroethyl)ether	6.793	93	521426	42.572	ng		99
12) 1,3-Dichlorobenzene	7.228	146	548511	38.003	ng		98
13) 1,4-Dichlorobenzene	7.375	146	561322	38.401	ng		99
14) 1,2-Dichlorobenzene	7.681	146	550148	39.715	ng		100
15) Benzyl Alcohol	7.604	79	519547	52.167	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.863	45	615640	41.920	ng		99
17) 2-Methylphenol	7.816	107	457652	46.606	ng		99
18) Hexachloroethane	8.387	117	202644	37.085	ng		96
19) n-Nitroso-di-n-propyla...	8.151	70	400691	40.576	ng		98
20) 3+4-Methylphenols	8.145	107	620197	45.425	ng		91
22) Acetophenone	8.163	105	780659	44.223	ng	#	98
24) Nitrobenzene	8.534	77	613874	43.540	ng		97
25) Isophorone	9.057	82	1198682	46.264	ng		99
26) 2-Nitrophenol	9.234	139	334791	48.275	ng		97
27) 2,4-Dimethylphenol	9.322	122	483695	61.790	ng		99
28) bis(2-Chloroethoxy)met...	9.539	93	718877	45.310	ng		98
29) 2,4-Dichlorophenol	9.781	162	638485	52.580	ng		98
30) 1,2,4-Trichlorobenzene	9.969	180	602220	42.936	ng		99
31) Naphthalene	10.145	128	1622268	43.667	ng		100
32) Benzoic acid	9.534	122	373869	39.997	ng		100
33) 4-Chloroaniline	10.286	127	261611	18.939	ng		98
34) Hexachlorobutadiene	10.422	225	376219	42.950	ng		99
35) Caprolactam	11.110	113	174485	44.356	ng		97
36) 4-Chloro-3-methylphenol	11.445	107	627838	50.913	ng		99
37) 2-Methylnaphthalene	11.775	142	1249378	46.123	ng		99
38) 1-Methylnaphthalene	11.998	142	1173268	43.794	ng		100
40) 1,2,4,5-Tetrachloroben...	12.157	216	752433	47.587	ng		100
41) Hexachlorocyclopentadiene	12.122	237	618840	124.010	ng		99
43) 2,4,6-Trichlorophenol	12.427	196	555120	51.214	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	598295	49.702	ng	99
46) 1,1'-Biphenyl	12.822	154	1697331	45.524	ng	99
47) 2-Chloronaphthalene	12.863	162	1323251	45.289	ng	99
48) 2-Nitroaniline	13.098	65	410845	50.199	ng	95
49) Acenaphthylene	13.721	152	2162902	50.934	ng	99
50) Dimethylphthalate	13.486	163	1938150	52.678	ng	99
51) 2,6-Dinitrotoluene	13.610	165	423582	49.447	ng	97
52) Acenaphthene	14.069	154	1317963	48.890	ng	99
53) 3-Nitroaniline	13.945	138	275858	34.898	ng	97
54) 2,4-Dinitrophenol	14.180	184	598989	113.543	ng	94
55) Dibenzofuran	14.410	168	2149313	49.500	ng	98
56) 4-Nitrophenol	14.316	139	571743	92.532	ng	98
57) 2,4-Dinitrotoluene	14.421	165	571964	51.578	ng	88
58) Fluorene	15.068	166	1725920	49.114	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	545947	55.217	ng	98
60) Diethylphthalate	14.868	149	1856733	51.160	ng	99
61) 4-Chlorophenyl-phenyle...	15.068	204	886407	49.585	ng	99
62) 4-Nitroaniline	15.133	138	412645	56.432	ng	97
63) Azobenzene	15.368	77	1542351	48.803	ng	97
65) 4,6-Dinitro-2-methylph...	15.198	198	388323	54.292	ng	98
66) n-Nitrosodiphenylamine	15.298	169	1576764	49.449	ng	100
67) 4-Bromophenyl-phenylether	15.968	248	600940	48.882	ng	96
68) Hexachlorobenzene	16.080	284	694861	48.937	ng	97
69) Atrazine	16.274	200	642069	61.603	ng	99
70) Pentachlorophenol	16.445	266	936715	102.037	ng	99
71) Phenanthrene	16.815	178	2891024	51.084	ng	100
72) Anthracene	16.910	178	2954644	53.556	ng	100
73) Carbazole	17.198	167	2800109	52.891	ng	100
74) Di-n-butylphthalate	17.768	149	3346072	51.905	ng	100
75) Fluoranthene	18.856	202	3536997	53.227	ng	99
77) Benzidine	19.062	184	1371488	81.935	ng	100
78) Pyrene	19.221	202	3716244	48.319	ng	100
80) Butylbenzylphthalate	20.150	149	1582769	52.589	ng	98
81) Benzo(a)anthracene	20.997	228	3404931	52.068	ng	99
82) 3,3'-Dichlorobenzidine	20.939	252	957716	43.537	ng	100
83) Chrysene	21.056	228	3175565	51.623	ng	99
84) Bis(2-ethylhexyl)phtha...	20.945	149	2196271	51.632	ng	98
85) Di-n-octyl phthalate	21.974	149	3889500	54.325	ng	98
87) Indeno(1,2,3-cd)pyrene	26.738	276	3359304	52.178	ng	99
88) Benzo(b)fluoranthene	22.874	252	3138451	52.305	ng	99
89) Benzo(k)fluoranthene	22.933	252	2978326	52.361	ng	99
90) Benzo(a)pyrene	23.591	252	2859581	55.109	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	2675069	51.289	ng	99
92) Benzo(g,h,i)perylene	27.668	276	2620678	48.332	ng	97

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

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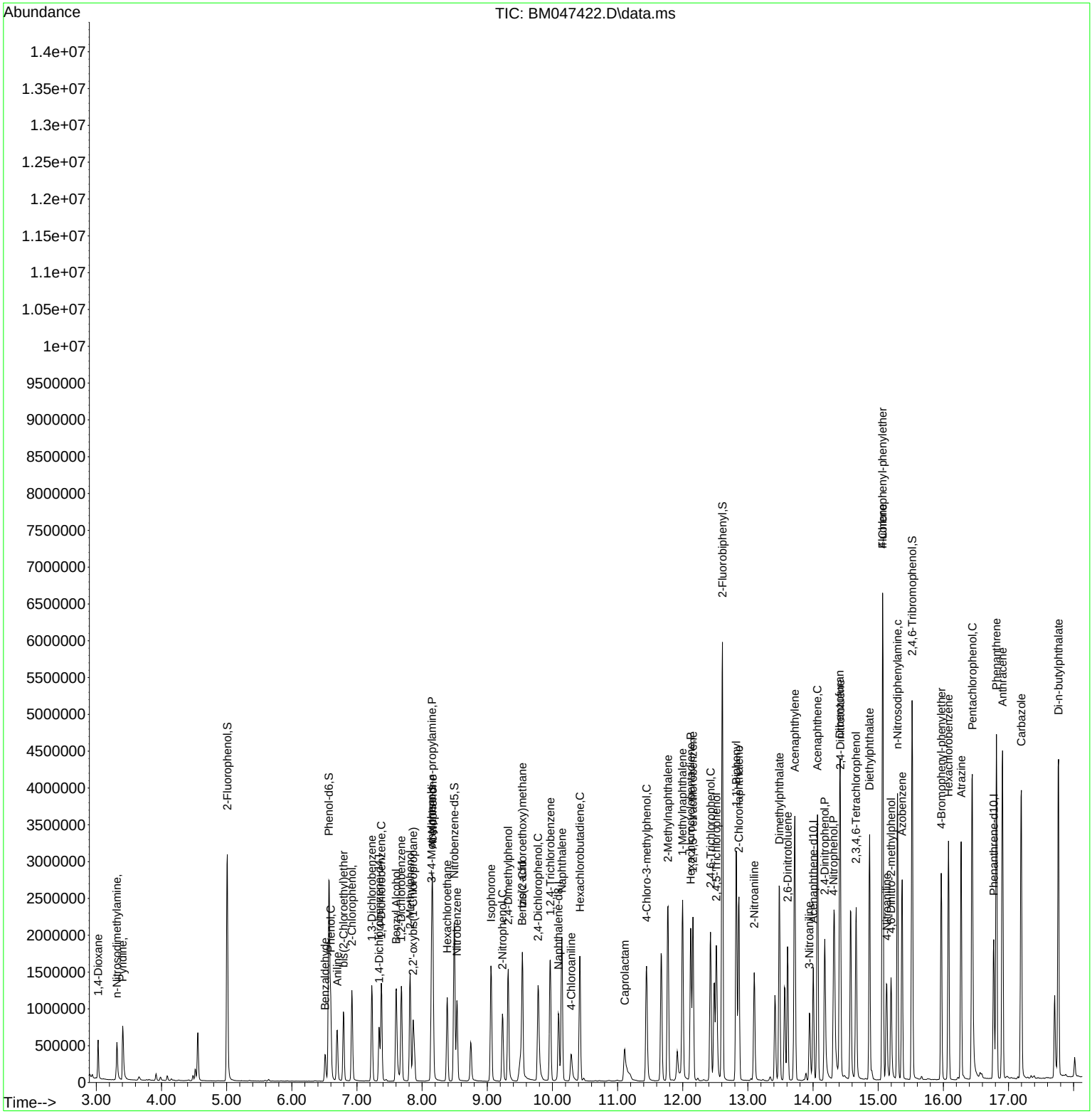

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