Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047304.D
Acq On : 21 Aug 2024 19:05
Operator : RC/JU
Sample : P3652-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LIVONIA-SOILMS

Quant Time: Aug 22 02:36:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	228983	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	885541	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	598772	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1314355	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1199987	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1244820	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1329487	103.745	ng	-0.01
7) Phenol-d6	6.569	99	1761569	99.761	ng	-0.02
23) Nitrobenzene-d5	8.504	82	1186779	67.482	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	816533	117.608	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	2757519	71.038	ng	-0.02
79) Terphenyl-d14	19.445	244	4679644	83.562	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	193752	36.490	ng	96
3) Pyridine	3.393	79	530466	34.070	ng	97
4) n-Nitrosodimethylamine	3.316	42	253613	37.282	ng	96
6) Aniline	6.704	93	662065	39.668	ng	99
8) 2-Chlorophenol	6.934	128	645214	46.163	ng	97
9) Benzaldehyde	6.516	77	324774	32.561	ng	98
10) Phenol	6.599	94	753962	42.791	ng	97
11) bis(2-Chloroethyl)ether	6.804	93	607967	40.292	ng	99
12) 1,3-Dichlorobenzene	7.240	146	709960	42.745	ng	98
13) 1,4-Dichlorobenzene	7.387	146	716483	42.606	ng	98
14) 1,2-Dichlorobenzene	7.693	146	695608	43.841	ng	99
15) Benzyl Alcohol	7.610	79	573640	45.646	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.881	45	763953	39.456	ng	99
17) 2-Methylphenol	7.816	107	519104	44.161	ng	99
18) Hexachloroethane	8.404	117	269697	41.403	ng	94
19) n-Nitroso-di-n-propyla...	8.163	70	455305	38.280	ng	99
20) 3+4-Methylphenols	8.146	107	714990	43.508	ng	99
22) Acetophenone	8.175	105	883394	41.327	ng	98
24) Nitrobenzene	8.546	77	718821	40.591	ng	97
25) Isophorone	9.069	82	1310386	42.794	ng	98
26) 2-Nitrophenol	9.245	139	370671	47.264	ng	93
27) 2,4-Dimethylphenol	9.322	122	517823	56.367	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	800879	41.566	ng	100
29) 2,4-Dichlorophenol	9.781	162	680411	49.917	ng	98
30) 1,2,4-Trichlorobenzene	9.981	180	695269	45.072	ng	98
31) Naphthalene	10.157	128	1899863	43.067	ng	100
32) Benzoic acid	9.516	122	521173	48.830	ng	97
33) 4-Chloroaniline	10.287	127	568067	33.486	ng	99
34) Hexachlorobutadiene	10.440	225	433034	47.961	ng	98
35) Caprolactam	11.098	113	225716	47.682	ng	92
36) 4-Chloro-3-methylphenol	11.439	107	671218	46.237	ng	100
37) 2-Methylnaphthalene	11.786	142	1390601	44.273	ng	99
38) 1-Methylnaphthalene	12.010	142	1304095	42.010	ng	98
40) 1,2,4,5-Tetrachloroben...	12.169	216	783053	47.947	ng	98
41) Hexachlorocyclopentadiene	12.139	237	628042	110.128	ng	96
43) 2,4,6-Trichlorophenol	12.428	196	573523	49.407	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.504	196	622461	48.296	ng		97
46) 1,1'-Biphenyl	12.833	154	1822360	42.751	ng		99
47) 2-Chloronaphthalene	12.869	162	1415108	42.473	ng		99
48) 2-Nitroaniline	13.098	65	452275	43.330	ng		96
49) Acenaphthylene	13.733	152	2333007	47.504	ng		100
50) Dimethylphthalate	13.498	163	1865941	44.620	ng		99
51) 2,6-Dinitrotoluene	13.616	165	425552	43.532	ng		89
52) Acenaphthene	14.080	154	1402512	45.020	ng		99
53) 3-Nitroaniline	13.945	138	362871	37.044	ng		100
54) 2,4-Dinitrophenol	14.169	184	508806	86.841	ng		93
55) Dibenzofuran	14.422	168	2217793	45.070	ng		98
56) 4-Nitrophenol	14.298	139	773827	91.612	ng		97
57) 2,4-Dinitrotoluene	14.416	165	578375	44.326	ng		97
58) Fluorene	15.075	166	1816495	44.740	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	552716	52.180	ng		94
60) Diethylphthalate	14.880	149	1864139	43.652	ng		98
61) 4-Chlorophenyl-phenyle...	15.080	204	882828	45.673	ng		96
62) 4-Nitroaniline	15.127	138	419644	43.485	ng		96
63) Azobenzene	15.374	77	1692689	41.804	ng		96
65) 4,6-Dinitro-2-methylph...	15.186	198	332829	43.251	ng		95
66) n-Nitrosodiphenylamine	15.304	169	1601816	44.744	ng		99
67) 4-Bromophenyl-phenylether	15.980	248	590008	46.585	ng		95
68) Hexachlorobenzene	16.086	284	689947	45.485	ng		95
69) Atrazine	16.280	200	640632	59.468	ng		98
70) Pentachlorophenol	16.439	266	995723	93.645	ng		99
71) Phenanthrene	16.821	178	3275384	49.655	ng		100
72) Anthracene	16.916	178	3102162	48.334	ng		100
73) Carbazole	17.198	167	2990457	45.634	ng		99
74) Di-n-butylphthalate	17.780	149	3484396	45.696	ng		99
75) Fluoranthene	18.857	202	4381220	54.607	ng		99
77) Benzidine	19.062	184	1643576	80.766	ng		99
78) Pyrene	19.227	202	4600315	53.690	ng		99
80) Butylbenzylphthalate	20.162	149	1691355	48.370	ng		95
81) Benzo(a)anthracene	21.004	228	4041417	50.732	ng		99
82) 3,3'-Dichlorobenzidine	20.945	252	1272688	51.061	ng		99
83) Chrysene	21.062	228	3753172	49.658	ng		100
84) Bis(2-ethylhexyl)phtha...	20.962	149	2321920	46.823	ng	#	97
85) Di-n-octyl phthalate	21.992	149	4252171	50.449	ng		97
87) Indeno(1,2,3-cd)pyrene	26.715	276	3870987	48.109	ng		97
88) Benzo(b)fluoranthene	22.874	252	3808791	51.522	ng		99
89) Benzo(k)fluoranthene	22.933	252	3431805	49.148	ng		99
90) Benzo(a)pyrene	23.592	252	3393647	52.994	ng		99
91) Dibenzo(a,h)anthracene	26.762	278	2941564	45.174	ng		99
92) Benzo(g,h,i)perylene	27.638	276	3066801	45.362	ng		98

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

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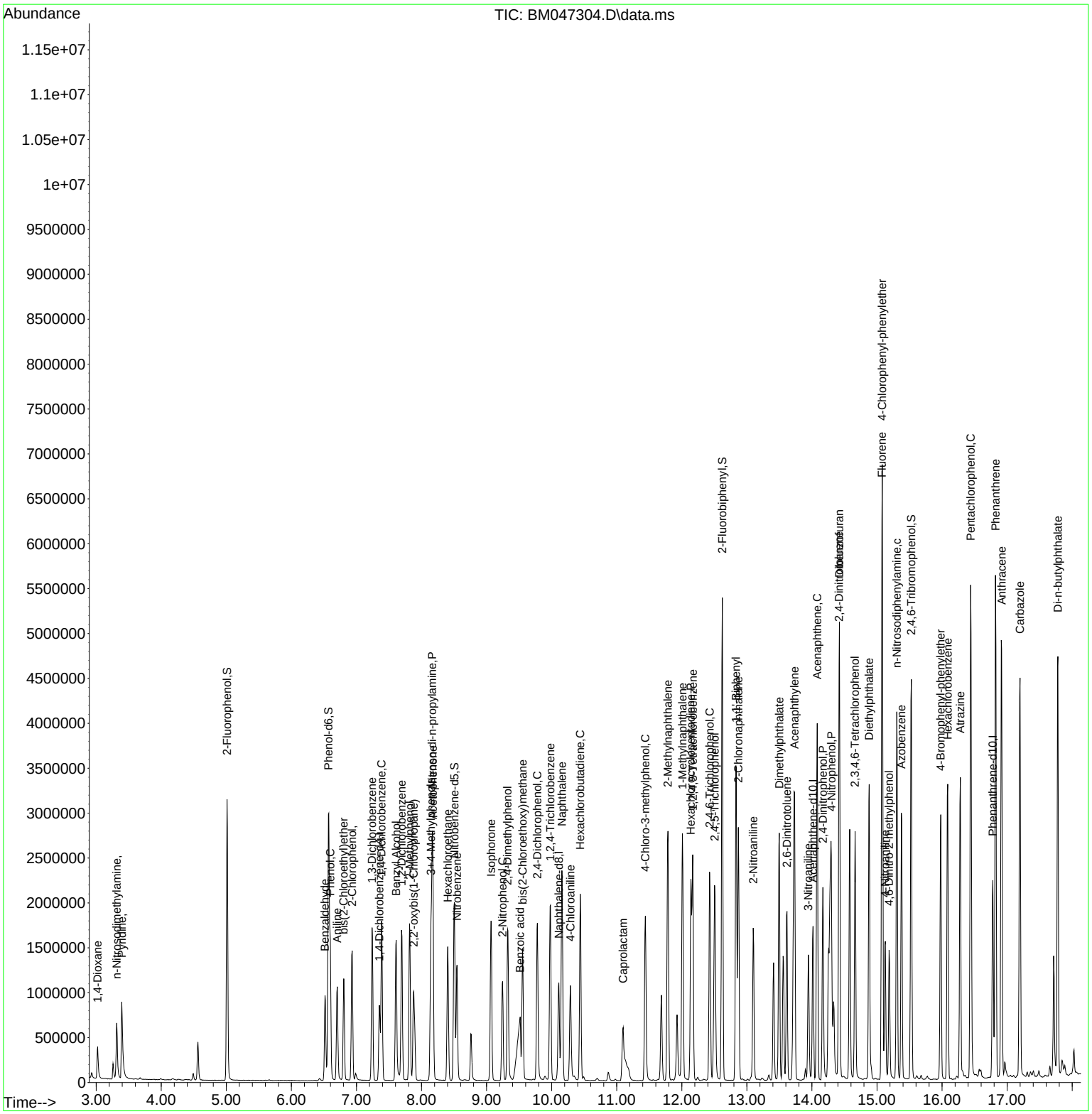

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