Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047361.D
Acq On : 27 Aug 2024 13:17
Operator : RC/JU
Sample : P3726-01MSD 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-SOIL-PILEMSD

Quant Time: Aug 27 14:15:12 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	7.346	152	330759	20.000	ng		0.00
21) Naphthalene-d8	10.099	136	1270835	20.000	ng		0.00
39) Acenaphthene-d10	14.010	164	872733	20.000	ng		0.00
64) Phenanthrene-d10	16.775	188	1776554	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1136290	20.000	ng		0.00
86) Perylene-d12	23.721	264	1306738	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.011	112	750409	43.527	ng		0.00
7) Phenol-d6	6.569	99	983254	41.867	ng		0.00
23) Nitrobenzene-d5	8.493	82	650417	28.398	ng		0.00
42) 2,4,6-Tribromophenol	15.522	330	450845	42.818	ng		0.00
45) 2-Fluorobiphenyl	12.610	172	1499578	26.401	ng		0.00
79) Terphenyl-d14	19.445	244	1839344	28.813	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.017	88	118208	16.751	ng		98
3) Pyridine	3.393	79	345984	17.666	ng		100
4) n-Nitrosodimethylamine	3.317	42	154442	19.362	ng	#	96
6) Aniline	6.699	93	256040	12.037	ng		99
8) 2-Chlorophenol	6.928	128	429257	22.245	ng		98
9) Benzaldehyde	6.516	77	163837	10.113	ng		97
10) Phenol	6.593	94	508661	22.014	ng		99
11) bis(2-Chloroethyl)ether	6.799	93	411525	20.552	ng		100
12) 1,3-Dichlorobenzene	7.234	146	474469	20.108	ng		99
13) 1,4-Dichlorobenzene	7.381	146	480881	20.123	ng		99
14) 1,2-Dichlorobenzene	7.687	146	467948	20.663	ng		99
15) Benzyl Alcohol	7.605	79	372737	22.893	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.869	45	488602	20.350	ng		99
17) 2-Methylphenol	7.816	107	345118	21.498	ng		98
18) Hexachloroethane	8.393	117	161537	18.083	ng		98
19) n-Nitroso-di-n-propyla...	8.157	70	294609	18.249	ng		99
20) 3+4-Methylphenols	8.140	107	472164	21.154	ng		99
22) Acetophenone	8.169	105	585423	19.849	ng		99
24) Nitrobenzene	8.534	77	468483	19.888	ng		99
25) Isophorone	9.063	82	855058	19.753	ng		98
26) 2-Nitrophenol	9.234	139	235865	20.356	ng		98
27) 2,4-Dimethylphenol	9.322	122	346613	26.502	ng		99
28) bis(2-Chloroethoxy)met...	9.546	93	521338	19.667	ng		98
29) 2,4-Dichlorophenol	9.775	162	449118	22.137	ng		100
30) 1,2,4-Trichlorobenzene	9.969	180	477568	20.379	ng		98
31) Naphthalene	10.151	128	1372775	22.117	ng		100
32) Benzoic acid	9.499	122	331172	21.205	ng		99
33) 4-Chloroaniline	10.287	127	276874	11.997	ng		100
34) Hexachlorobutadiene	10.428	225	299760	20.482	ng		100
35) Caprolactam	11.093	113	136270	20.734	ng		98
36) 4-Chloro-3-methylphenol	11.434	107	434261	21.078	ng		98
37) 2-Methylnaphthalene	11.775	142	975989	21.565	ng		99
38) 1-Methylnaphthalene	11.998	142	899088	20.087	ng		100
40) 1,2,4,5-Tetrachloroben...	12.157	216	538873	20.852	ng		100
41) Hexachlorocyclopentadiene	12.128	237	14556	1.785	ng		99
43) 2,4,6-Trichlorophenol	12.422	196	379467	21.419	ng		99

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44) 2,4,5-Trichlorophenol	12.510	196	409487	20.813	ng		99
46) 1,1'-Biphenyl	12.828	154	1232067	20.218	ng		100
47) 2-Chloronaphthalene	12.863	162	965510	20.218	ng		99
48) 2-Nitroaniline	13.092	65	289511	21.643	ng		99
49) Acenaphthylene	13.728	152	2527867	36.421	ng		99
50) Dimethylphthalate	13.487	163	1192878	19.837	ng		100
51) 2,6-Dinitrotoluene	13.610	165	262172	18.725	ng		98
52) Acenaphthene	14.075	154	1039600	23.595	ng		99
53) 3-Nitroaniline	13.945	138	191533	14.825	ng		99
54) 2,4-Dinitrophenol	14.169	184	116257	13.483	ng		98
55) Dibenzofuran	14.416	168	1611262	22.704	ng		100
56) 4-Nitrophenol	14.310	139	460340	45.583	ng		98
57) 2,4-Dinitrotoluene	14.416	165	351309	19.383	ng		97
58) Fluorene	15.069	166	1408365	24.520	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.657	232	370489	22.926	ng		100
60) Diethylphthalate	14.869	149	1192375	20.101	ng		99
61) 4-Chlorophenyl-phenyle...	15.075	204	578512	19.800	ng		99
62) 4-Nitroaniline	15.122	138	205075	17.159	ng		98
63) Azobenzene	15.369	77	1056256	20.448	ng		95
65) 4,6-Dinitro-2-methylph...	15.192	198	89508	8.209	ng		98
66) n-Nitrosodiphenylamine	15.298	169	1030809	21.205	ng		99
67) 4-Bromophenyl-phenylether	15.975	248	383958	20.487	ng		97
68) Hexachlorobenzene	16.080	284	436137	20.148	ng		98
69) Atrazine	16.275	200	354967	22.340	ng		99
70) Pentachlorophenol	16.439	266	694721	49.640	ng		99
71) Phenanthrene	16.816	178	4168851	48.319	ng		99
72) Anthracene	16.910	178	4354622	51.775	ng		99
73) Carbazole	17.192	167	2705780	33.525	ng		99
74) Di-n-butylphthalate	17.774	149	2010302	20.455	ng		100
75) Fluoranthene	18.863	202	10671856	105.343	ng		98
78) Pyrene	19.233	202	11811096	135.526	ng		98
80) Butylbenzylphthalate	20.163	149	768314	22.529	ng		99
81) Benzo(a)anthracene	21.010	228	5558928	75.018	ng		94
82) 3,3'-Dichlorobenzidine	20.951	252	96524	3.872	ng	#	94
83) Chrysene	21.068	228	6948295	99.682	ng		97
84) Bis(2-ethylhexyl)phtha...	20.957	149	1113483	23.101	ng		99
85) Di-n-octyl phthalate	21.992	149	1755146	21.634	ng		99
87) Indeno(1,2,3-cd)pyrene	26.744	276	4088043	49.975	ng		97
88) Benzo(b)fluoranthene	22.898	252	9356072	122.722	ng		99
89) Benzo(k)fluoranthene	22.945	252	3638700	50.348	ng		98
90) Benzo(a)pyrene	23.604	252	4291868	65.098	ng		98
91) Dibenzo(a,h)anthracene	26.774	278	2009841	30.328	ng		99
92) Benzo(g,h,i)perylene	27.674	276	3377425	49.023	ng		99

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

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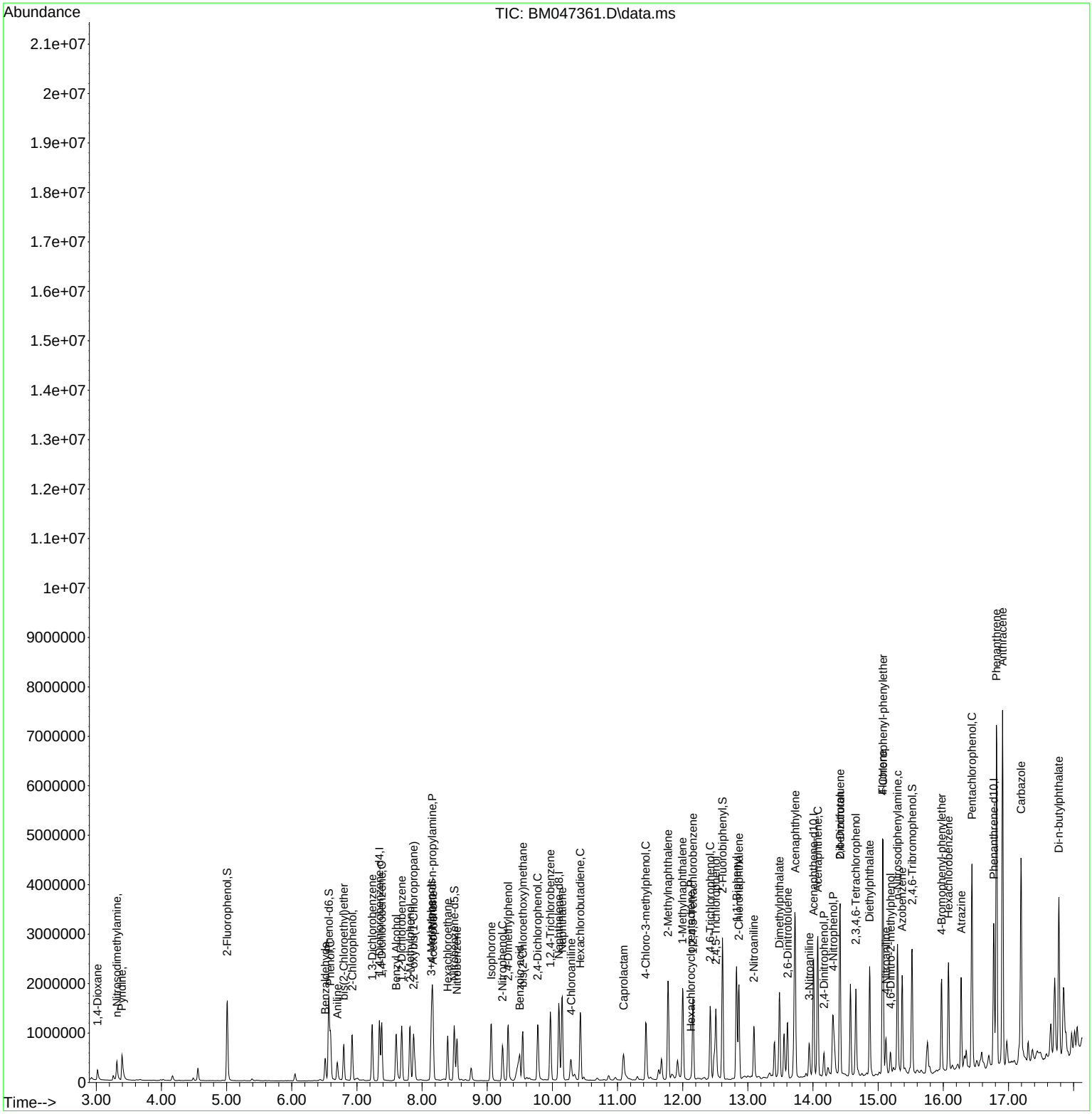

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