Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047360.D
Acq On : 27 Aug 2024 12:37
Operator : RC/JU
Sample : P3726-01MS 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-SOIL-PILEMS

Quant Time: Aug 27 13:41:31 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	7.345	152	350961	20.000	ng		0.00
21) Naphthalene-d8	10.098	136	1340184	20.000	ng		0.00
39) Acenaphthene-d10	14.010	164	907134	20.000	ng		0.00
64) Phenanthrene-d10	16.774	188	1848980	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1136006	20.000	ng		0.00
86) Perylene-d12	23.721	264	1271279	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.004	112	789737	43.172	ng		0.00
7) Phenol-d6	6.569	99	1022125	41.017	ng		0.00
23) Nitrobenzene-d5	8.492	82	670325	27.753	ng		0.00
42) 2,4,6-Tribromophenol	15.521	330	452136	41.312	ng		0.00
45) 2-Fluorobiphenyl	12.610	172	1540012	26.085	ng		0.00
79) Terphenyl-d14	19.445	244	1873613	29.357	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.016	88	125517	16.763	ng		98
3) Pyridine	3.393	79	346034	16.651	ng		98
4) n-Nitrosodimethylamine	3.316	42	160748	18.993	ng	#	96
6) Aniline	6.698	93	233877	10.362	ng		99
8) 2-Chlorophenol	6.922	128	442221	21.598	ng		99
9) Benzaldehyde	6.510	77	171884	9.974	ng		98
10) Phenol	6.592	94	525195	21.421	ng		99
11) bis(2-Chloroethyl)ether	6.798	93	413452	19.459	ng		99
12) 1,3-Dichlorobenzene	7.234	146	489666	19.557	ng		99
13) 1,4-Dichlorobenzene	7.381	146	493327	19.456	ng		99
14) 1,2-Dichlorobenzene	7.687	146	483749	20.131	ng		99
15) Benzyl Alcohol	7.598	79	384778	22.272	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.869	45	508955	19.978	ng		99
17) 2-Methylphenol	7.810	107	355006	20.841	ng		99
18) Hexachloroethane	8.392	117	174213	18.379	ng		99
19) n-Nitroso-di-n-propyla...	8.157	70	308840	18.029	ng		98
20) 3+4-Methylphenols	8.139	107	486328	20.534	ng		100
22) Acetophenone	8.169	105	612229	19.684	ng		99
24) Nitrobenzene	8.534	77	483643	19.469	ng		99
25) Isophorone	9.057	82	886019	19.409	ng		99
26) 2-Nitrophenol	9.233	139	247278	20.237	ng		99
27) 2,4-Dimethylphenol	9.322	122	359527	26.067	ng		98
28) bis(2-Chloroethoxy)met...	9.545	93	538234	19.254	ng		99
29) 2,4-Dichlorophenol	9.775	162	462924	21.636	ng		99
30) 1,2,4-Trichlorobenzene	9.969	180	487635	19.732	ng		99
31) Naphthalene	10.151	128	1410927	21.555	ng		99
32) Benzoic acid	9.492	122	308716	18.745	ng		98
33) 4-Chloroaniline	10.286	127	250802	10.305	ng		97
34) Hexachlorobutadiene	10.428	225	308208	19.970	ng		99
35) Caprolactam	11.092	113	135194	19.506	ng		98
36) 4-Chloro-3-methylphenol	11.433	107	443439	20.409	ng		100
37) 2-Methylnaphthalene	11.775	142	1002613	21.007	ng		98
38) 1-Methylnaphthalene	12.004	142	912488	19.331	ng		100
40) 1,2,4,5-Tetrachloroben...	12.157	216	545367	20.303	ng		99
41) Hexachlorocyclopentadiene	12.127	237	23063	2.720	ng		99
43) 2,4,6-Trichlorophenol	12.422	196	387204	21.027	ng		98

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44) 2,4,5-Trichlorophenol	12.510	196	416745	20.378	ng		98
46) 1,1'-Biphenyl	12.827	154	1261136	19.910	ng		99
47) 2-Chloronaphthalene	12.863	162	985541	19.855	ng		100
48) 2-Nitroaniline	13.092	65	293493	21.108	ng		99
49) Acenaphthylene	13.721	152	2482232	34.408	ng		99
50) Dimethylphthalate	13.486	163	1229393	19.669	ng		100
51) 2,6-Dinitrotoluene	13.610	165	274783	18.881	ng		98
52) Acenaphthene	14.074	154	1054522	23.026	ng		100
53) 3-Nitroaniline	13.945	138	181923	13.547	ng		96
54) 2,4-Dinitrophenol	14.168	184	149538	16.685	ng		99
55) Dibenzofuran	14.416	168	1633750	22.148	ng		99
56) 4-Nitrophenol	14.304	139	466597	44.450	ng		99
57) 2,4-Dinitrotoluene	14.416	165	363817	19.312	ng		99
58) Fluorene	15.068	166	1417314	23.740	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.657	232	374888	22.318	ng		99
60) Diethylphthalate	14.868	149	1228931	19.932	ng		99
61) 4-Chlorophenyl-phenyle...	15.074	204	591474	19.476	ng		99
62) 4-Nitroaniline	15.121	138	194168	15.630	ng		97
63) Azobenzene	15.368	77	1076826	20.056	ng		96
65) 4,6-Dinitro-2-methylph...	15.186	198	115637	10.190	ng		93
66) n-Nitrosodiphenylamine	15.298	169	1050680	20.767	ng		100
67) 4-Bromophenyl-phenylether	15.974	248	386169	19.797	ng		97
68) Hexachlorobenzene	16.080	284	435611	19.335	ng		98
69) Atrazine	16.274	200	360970	21.828	ng		99
70) Pentachlorophenol	16.439	266	684993	47.028	ng		99
71) Phenanthrene	16.815	178	4219442	46.990	ng		100
72) Anthracene	16.909	178	4261042	48.678	ng		99
73) Carbazole	17.192	167	2701535	32.161	ng		99
74) Di-n-butylphthalate	17.774	149	2046259	20.005	ng		99
75) Fluoranthene	18.862	202	10827979	102.698	ng		98
78) Pyrene	19.233	202	11904106	136.627	ng		98
80) Butylbenzylphthalate	20.162	149	794471	23.301	ng		98
81) Benzo(a)anthracene	21.009	228	5264591	71.064	ng		94
82) 3,3'-Dichlorobenzidine	20.950	252	84581	3.394	ng	#	95
83) Chrysene	21.068	228	7112119	102.058	ng		97
84) Bis(2-ethylhexyl)phtha...	20.956	149	1154332	23.954	ng		100
85) Di-n-octyl phthalate	21.986	149	1762298	21.728	ng		99
87) Indeno(1,2,3-cd)pyrene	26.726	276	3980216	50.014	ng		97
88) Benzo(b)fluoranthene	22.891	252	8721520	117.590	ng		99
89) Benzo(k)fluoranthene	22.938	252	3797551	54.012	ng		98
90) Benzo(a)pyrene	23.603	252	4143221	64.596	ng		98
91) Dibenzo(a,h)anthracene	26.762	278	1964674	30.474	ng		98
92) Benzo(g,h,i)perylene	27.662	276	3247330	48.450	ng		99

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

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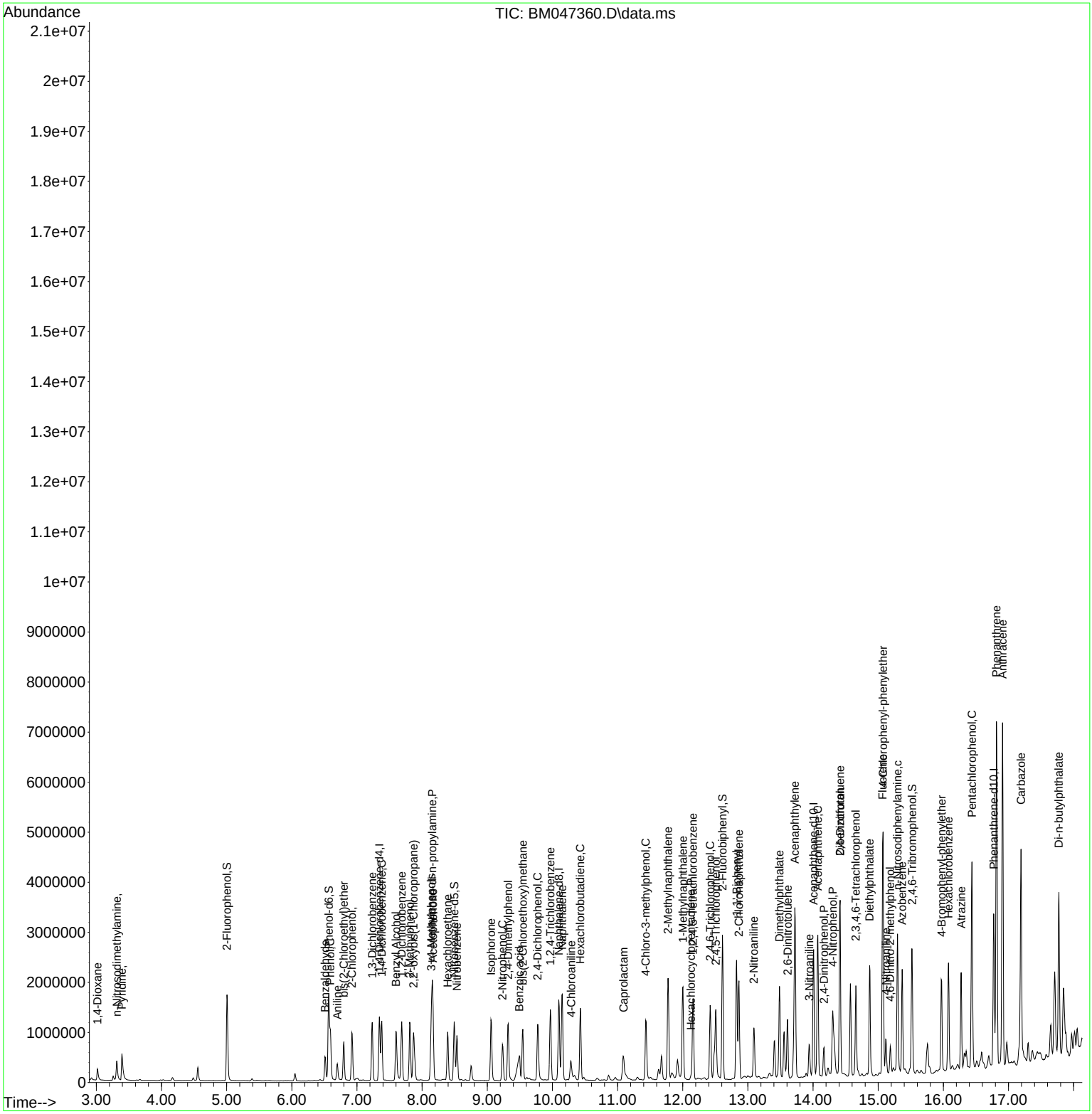

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