Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047334.D
Acq On : 23 Aug 2024 15:28
Operator : RC/JU
Sample : P3652-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LIVONIA-SOILMSD

Quant Time: Aug 23 16:28:52 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	329291	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1229856	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	795359	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1650914	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1153613	20.000	ng	-0.01
86) Perylene-d12	23.709	264	1171246	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1897247	102.951	ng	0.00
7) Phenol-d6	6.575	99	2486438	97.918	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1657794	67.874	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1056054	114.511	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	3854602	74.757	ng	-0.02
79) Terphenyl-d14	19.445	244	5328258	98.969	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	274466	35.945	ng	94
3) Pyridine	3.393	79	726365	32.440	ng	97
4) n-Nitrosodimethylamine	3.316	42	352414	36.025	ng	96
6) Aniline	6.704	93	918337	38.262	ng	98
8) 2-Chlorophenol	6.934	128	925064	46.024	ng	97
9) Benzaldehyde	6.516	77	461599	32.010	ng	98
10) Phenol	6.598	94	1065170	42.039	ng	98
11) bis(2-Chloroethyl)ether	6.804	93	883826	40.732	ng	96
12) 1,3-Dichlorobenzene	7.240	146	1025119	42.919	ng	97
13) 1,4-Dichlorobenzene	7.387	146	1031877	42.670	ng	99
14) 1,2-Dichlorobenzene	7.693	146	1006333	44.104	ng	98
15) Benzyl Alcohol	7.610	79	806872	44.647	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.875	45	1081087	38.827	ng	98
17) 2-Methylphenol	7.816	107	732898	43.356	ng	98
18) Hexachloroethane	8.398	117	390477	41.685	ng	94
19) n-Nitroso-di-n-propyla...	8.163	70	642494	37.563	ng	98
20) 3+4-Methylphenols	8.145	107	997057	42.191	ng	98
22) Acetophenone	8.175	105	1251059	42.142	ng	98
24) Nitrobenzene	8.545	77	989202	40.221	ng	96
25) Isophorone	9.069	82	1831633	43.070	ng	97
26) 2-Nitrophenol	9.240	139	534033	49.030	ng	94
27) 2,4-Dimethylphenol	9.328	122	713586	55.930	ng	98
28) bis(2-Chloroethoxy)met...	9.551	93	1124276	42.015	ng	99
29) 2,4-Dichlorophenol	9.781	162	959626	50.691	ng	98
30) 1,2,4-Trichlorobenzene	9.975	180	985508	46.001	ng	98
31) Naphthalene	10.157	128	2664965	43.498	ng	100
32) Benzoic acid	9.534	122	685776	46.264	ng	94
33) 4-Chloroaniline	10.287	127	802647	34.067	ng	99
34) Hexachlorobutadiene	10.439	225	637314	50.825	ng	99
35) Caprolactam	11.110	113	292692	44.521	ng	92
36) 4-Chloro-3-methylphenol	11.439	107	907239	44.999	ng	100
37) 2-Methylnaphthalene	11.781	142	1941794	44.514	ng	99
38) 1-Methylnaphthalene	12.010	142	1817830	42.165	ng	98
40) 1,2,4,5-Tetrachloroben...	12.163	216	1100717	50.739	ng	98
41) Hexachlorocyclopentadiene	12.139	237	955071	126.079	ng	97
43) 2,4,6-Trichlorophenol	12.428	196	793371	51.453	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	842400	49.205	ng		97
46) 1,1'-Biphenyl	12.833	154	2518524	44.479	ng		99
47) 2-Chloronaphthalene	12.869	162	1943555	43.916	ng		98
48) 2-Nitroaniline	13.098	65	591148	42.637	ng		96
49) Acenaphthylene	13.727	152	3120558	47.835	ng		99
50) Dimethylphthalate	13.498	163	2539667	45.720	ng		100
51) 2,6-Dinitrotoluene	13.616	165	577358	44.463	ng		88
52) Acenaphthene	14.080	154	1881850	45.476	ng		99
53) 3-Nitroaniline	13.951	138	475067	36.511	ng		98
54) 2,4-Dinitrophenol	14.169	184	695683	89.389	ng		92
55) Dibenzofuran	14.422	168	2942034	45.011	ng		98
56) 4-Nitrophenol	14.304	139	924344	82.383	ng		96
57) 2,4-Dinitrotoluene	14.422	165	752187	43.398	ng		97
58) Fluorene	15.074	166	2390639	44.327	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	721054	51.247	ng		93
60) Diethylphthalate	14.880	149	2477805	43.681	ng		98
61) 4-Chlorophenyl-phenyle...	15.080	204	1213097	47.247	ng		94
62) 4-Nitroaniline	15.127	138	524365	40.906	ng		95
63) Azobenzene	15.374	77	2191565	40.747	ng		95
65) 4,6-Dinitro-2-methylph...	15.192	198	447740	46.322	ng		87
66) n-Nitrosodiphenylamine	15.304	169	2117549	47.091	ng		99
67) 4-Bromophenyl-phenylether	15.980	248	790211	49.672	ng		94
68) Hexachlorobenzene	16.086	284	911471	47.839	ng		94
69) Atrazine	16.280	200	803737	59.398	ng		99
70) Pentachlorophenol	16.439	266	1220059	91.351	ng		98
71) Phenanthrene	16.821	178	4137731	49.941	ng		100
72) Anthracene	16.910	178	3909445	48.494	ng		100
73) Carbazole	17.198	167	3582569	43.524	ng		99
74) Di-n-butylphthalate	17.774	149	4463355	46.602	ng		99
75) Fluoranthene	18.857	202	5118445	50.790	ng		99
77) Benzidine	19.062	184	1563528	79.921	ng		99
78) Pyrene	19.221	202	5234439	63.547	ng		99
80) Butylbenzylphthalate	20.162	149	1880565	55.943	ng		93
81) Benzo(a)anthracene	21.003	228	3969599	51.834	ng		99
82) 3,3'-Dichlorobenzidine	20.945	252	1265436	52.811	ng		99
83) Chrysene	21.062	228	3655867	50.315	ng		100
84) Bis(2-ethylhexyl)phtha...	20.962	149	2587409	54.274	ng	#	97
85) Di-n-octyl phthalate	21.986	149	4279233	52.811	ng		97
87) Indeno(1,2,3-cd)pyrene	26.709	276	3876403	51.203	ng		97
88) Benzo(b)fluoranthene	22.874	252	3587949	51.584	ng		99
89) Benzo(k)fluoranthene	22.933	252	3190038	48.556	ng		98
90) Benzo(a)pyrene	23.592	252	3224776	53.520	ng		98
91) Dibenzo(a,h)anthracene	26.756	278	2935009	47.905	ng		99
92) Benzo(g,h,i)perylene	27.638	276	3079259	48.408	ng		99

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

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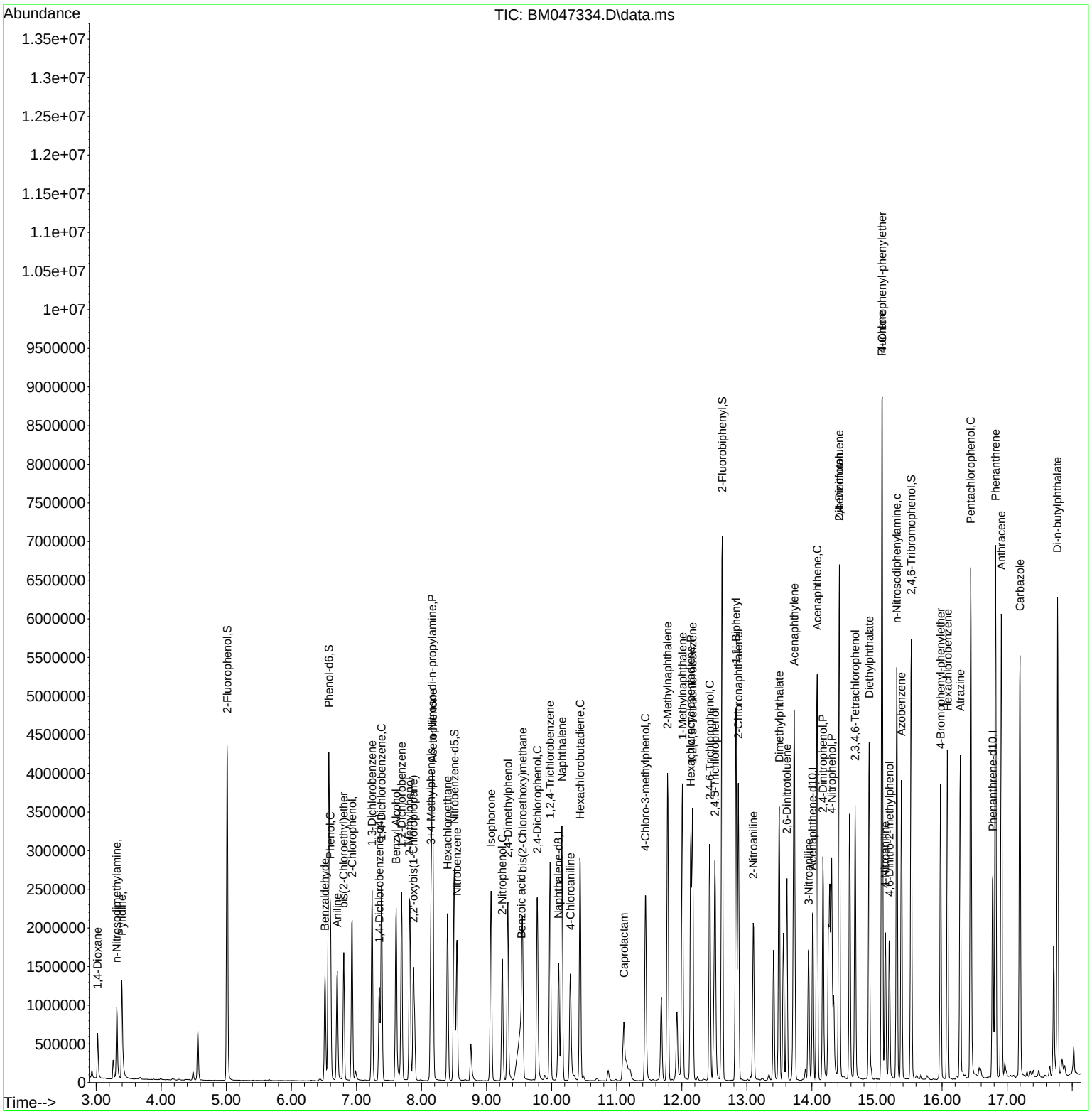

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