Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047305.D
Acq On : 21 Aug 2024 19:44
Operator : RC/JU
Sample : P3652-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LIVONIA-SOILMSD

Quant Time: Aug 22 02:37:21 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	252324	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	962257	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	634921	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1363136	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1095166	20.000	ng	-0.01
86) Perylene-d12	23.709	264	1137934	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1468880	104.019	ng	-0.01
7) Phenol-d6	6.575	99	1935936	99.494	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1307976	68.444	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	867856	117.883	ng	-0.01
45) 2-Fluorobiphenyl	12.621	172	3015331	73.257	ng	-0.02
79) Terphenyl-d14	19.445	244	4744838	92.836	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	214455	36.653	ng	96
3) Pyridine	3.393	79	583091	33.985	ng	97
4) n-Nitrosodimethylamine	3.316	42	282896	37.740	ng	99
6) Aniline	6.704	93	737324	40.091	ng	99
8) 2-Chlorophenol	6.934	128	717689	46.598	ng	97
9) Benzaldehyde	6.516	77	360714	32.939	ng	99
10) Phenol	6.598	94	826879	42.588	ng	99
11) bis(2-Chloroethyl)ether	6.804	93	679487	40.867	ng	98
12) 1,3-Dichlorobenzene	7.239	146	794983	43.437	ng	97
13) 1,4-Dichlorobenzene	7.387	146	802996	43.334	ng	98
14) 1,2-Dichlorobenzene	7.692	146	776073	44.387	ng	99
15) Benzyl Alcohol	7.610	79	632623	45.683	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.881	45	847710	39.732	ng	99
17) 2-Methylphenol	7.816	107	573665	44.288	ng	99
18) Hexachloroethane	8.404	117	302855	42.193	ng	94
19) n-Nitroso-di-n-propyla...	8.163	70	502762	38.360	ng	97
20) 3+4-Methylphenols	8.145	107	786988	43.460	ng	99
22) Acetophenone	8.175	105	978995	42.148	ng	99
24) Nitrobenzene	8.545	77	787143	40.906	ng	97
25) Isophorone	9.069	82	1442749	43.360	ng	98
26) 2-Nitrophenol	9.245	139	412984	48.461	ng	95
27) 2,4-Dimethylphenol	9.328	122	567593	56.859	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	889174	42.470	ng	100
29) 2,4-Dichlorophenol	9.781	162	744006	50.231	ng	98
30) 1,2,4-Trichlorobenzene	9.980	180	769054	45.880	ng	99
31) Naphthalene	10.157	128	2098061	43.768	ng	100
32) Benzoic acid	9.516	122	545078	46.998	ng	97
33) 4-Chloroaniline	10.286	127	622066	33.745	ng	99
34) Hexachlorobutadiene	10.439	225	486357	49.572	ng	99
35) Caprolactam	11.098	113	239002	46.464	ng	91
36) 4-Chloro-3-methylphenol	11.439	107	725951	46.021	ng	100
37) 2-Methylnaphthalene	11.786	142	1523803	44.646	ng	99
38) 1-Methylnaphthalene	12.010	142	1430233	42.400	ng	98
40) 1,2,4,5-Tetrachloroben...	12.169	216	857580	49.520	ng	99
41) Hexachlorocyclopentadiene	12.139	237	690903	114.253	ng	97
43) 2,4,6-Trichlorophenol	12.427	196	621915	50.525	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	678763	49.666	ng		96
46) 1,1'-Biphenyl	12.833	154	1995577	44.149	ng		99
47) 2-Chloronaphthalene	12.869	162	1545181	43.737	ng		98
48) 2-Nitroaniline	13.098	65	485207	43.839	ng		98
49) Acenaphthylene	13.733	152	2518813	48.368	ng		100
50) Dimethylphthalate	13.498	163	2015742	45.458	ng		99
51) 2,6-Dinitrotoluene	13.616	165	458303	44.213	ng		88
52) Acenaphthene	14.080	154	1518136	45.957	ng		98
53) 3-Nitroaniline	13.945	138	382586	36.833	ng		99
54) 2,4-Dinitrophenol	14.168	184	532847	85.767	ng		92
55) Dibenzofuran	14.421	168	2384419	45.697	ng		97
56) 4-Nitrophenol	14.298	139	802092	89.551	ng		97
57) 2,4-Dinitrotoluene	14.421	165	618992	44.738	ng		96
58) Fluorene	15.080	166	1937951	45.013	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	591926	52.700	ng		93
60) Diethylphthalate	14.880	149	1989336	43.932	ng		98
61) 4-Chlorophenyl-phenyle...	15.080	204	958445	46.761	ng		96
62) 4-Nitroaniline	15.127	138	446509	43.634	ng		94
63) Azobenzene	15.380	77	1800366	41.932	ng		94
65) 4,6-Dinitro-2-methylph...	15.192	198	353806	44.331	ng		89
66) n-Nitrosodiphenylamine	15.304	169	1712057	46.112	ng		98
67) 4-Bromophenyl-phenylether	15.980	248	636210	48.435	ng		98
68) Hexachlorobenzene	16.086	284	736949	46.845	ng		95
69) Atrazine	16.280	200	669177	59.895	ng		98
70) Pentachlorophenol	16.445	266	1037620	94.093	ng		99
71) Phenanthrene	16.821	178	3458371	50.553	ng		100
72) Anthracene	16.915	178	3286172	49.368	ng		100
73) Carbazole	17.198	167	3095206	45.542	ng		99
74) Di-n-butylphthalate	17.780	149	3708830	46.899	ng		99
75) Fluoranthene	18.856	202	4488437	53.942	ng		99
77) Benzidine	19.062	184	1617128	87.072	ng		100
78) Pyrene	19.227	202	4661610	59.613	ng		99
80) Butylbenzylphthalate	20.162	149	1689290	52.935	ng		94
81) Benzo(a)anthracene	21.003	228	3781045	52.006	ng		99
82) 3,3'-Dichlorobenzidine	20.944	252	1187179	52.189	ng		99
83) Chrysene	21.062	228	3492697	50.634	ng		99
84) Bis(2-ethylhexyl)phtha...	20.962	149	2328412	51.448	ng	#	98
85) Di-n-octyl phthalate	21.991	149	4057834	52.751	ng		97
87) Indeno(1,2,3-cd)pyrene	26.715	276	3843868	52.259	ng		98
88) Benzo(b)fluoranthene	22.874	252	3487370	51.606	ng		99
89) Benzo(k)fluoranthene	22.927	252	3060063	47.941	ng		99
90) Benzo(a)pyrene	23.591	252	3143585	53.700	ng		98
91) Dibenzo(a,h)anthracene	26.756	278	2903772	48.782	ng		99
92) Benzo(g,h,i)perylene	27.632	276	3045162	49.273	ng		98

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

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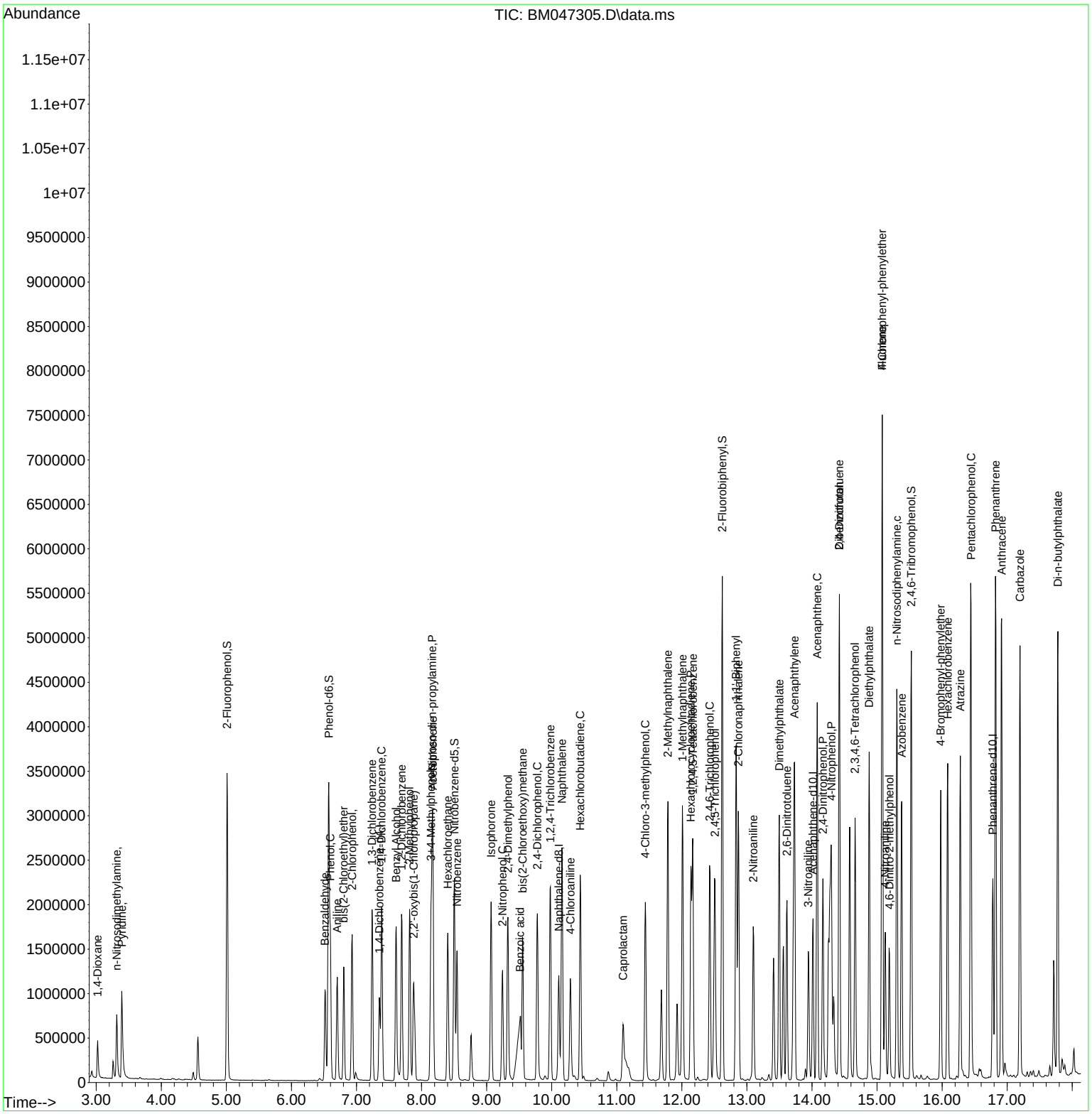

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