Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047283.D
Acq On : 20 Aug 2024 23:34
Operator : RC/JU
Sample : P3652-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LIVONIA-SOILMS

Quant Time: Aug 21 02:51:18 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	7.357	152	319115	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1099155	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	618026	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1134376	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	911523	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1174904	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1751362	98.065	ng	0.00
7) Phenol-d6	6.575	99	2178617	88.531	ng	-0.01
23) Nitrobenzene-d5	8.510	82	1498072	68.628	ng	-0.01
42) 2,4,6-Tribromophenol	15.527	330	727902	101.576	ng	-0.01
45) 2-Fluorobiphenyl	12.627	172	3109372	77.607	ng	-0.02
79) Terphenyl-d14	19.451	244	3473620	81.656	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	285499	38.582	ng	96
3) Pyridine	3.405	79	725033	33.414	ng	97
4) n-Nitrosodimethylamine	3.322	42	349742	36.892	ng	98
6) Aniline	6.710	93	889428	38.239	ng	99
8) 2-Chlorophenol	6.940	128	836800	42.960	ng	96
9) Benzaldehyde	6.522	77	430903	30.344	ng	97
10) Phenol	6.604	94	935833	38.112	ng	98
11) bis(2-Chloroethyl)ether	6.810	93	819738	38.983	ng	97
12) 1,3-Dichlorobenzene	7.245	146	975772	42.156	ng	97
13) 1,4-Dichlorobenzene	7.393	146	992149	42.335	ng	99
14) 1,2-Dichlorobenzene	7.698	146	945814	42.773	ng	99
15) Benzyl Alcohol	7.610	79	710157	40.548	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.881	45	1027520	38.080	ng	99
17) 2-Methylphenol	7.822	107	628320	38.355	ng	99
18) Hexachloroethane	8.410	117	378576	41.703	ng	93
19) n-Nitroso-di-n-propyla...	8.169	70	571425	34.473	ng	98
20) 3+4-Methylphenols	8.151	107	849591	37.097	ng	100
22) Acetophenone	8.181	105	1122420	42.305	ng	98
24) Nitrobenzene	8.551	77	902629	41.065	ng	97
25) Isophorone	9.075	82	1568849	41.277	ng	98
26) 2-Nitrophenol	9.245	139	459979	47.253	ng	96
27) 2,4-Dimethylphenol	9.328	122	604169	52.985	ng	100
28) bis(2-Chloroethoxy)met...	9.557	93	1004072	41.984	ng	99
29) 2,4-Dichlorophenol	9.781	162	775098	45.812	ng	98
30) 1,2,4-Trichlorobenzene	9.981	180	871072	45.494	ng	99
31) Naphthalene	10.163	128	2351355	42.942	ng	99
32) Benzoic acid	9.516	122	499031	37.669	ng	96
33) 4-Chloroaniline	10.292	127	563412	26.757	ng	100
34) Hexachlorobutadiene	10.445	225	565420	50.453	ng	100
35) Caprolactam	11.098	113	207485	35.313	ng	92
36) 4-Chloro-3-methylphenol	11.445	107	694854	38.563	ng	98
37) 2-Methylnaphthalene	11.786	142	1622104	41.607	ng	98
38) 1-Methylnaphthalene	12.016	142	1491869	38.719	ng	97
40) 1,2,4,5-Tetrachloroben...	12.175	216	889186	52.749	ng	98
41) Hexachlorocyclopentadiene	12.145	237	1007368	171.140	ng	97
43) 2,4,6-Trichlorophenol	12.433	196	591106	49.335	ng	98

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44) 2,4,5-Trichlorophenol	12.510	196	623033	46.834	ng	97
46) 1,1'-Biphenyl	12.839	154	2011327	45.714	ng	99
47) 2-Chloronaphthalene	12.875	162	1552570	45.147	ng	97
48) 2-Nitroaniline	13.104	65	444066	41.218	ng	95
49) Acenaphthylene	13.733	152	2412842	47.599	ng	100
50) Dimethylphthalate	13.498	163	1867732	43.271	ng	99
51) 2,6-Dinitrotoluene	13.616	165	419095	41.536	ng	92
52) Acenaphthene	14.086	154	1454370	45.231	ng	99
53) 3-Nitroaniline	13.951	138	331130	32.751	ng	96
54) 2,4-Dinitrophenol	14.169	184	497628	82.288	ng	94
55) Dibenzofuran	14.427	168	2223413	43.777	ng	99
56) 4-Nitrophenol	14.298	139	628067	72.039	ng	97
57) 2,4-Dinitrotoluene	14.421	165	531616	39.473	ng	96
58) Fluorene	15.080	166	1747017	41.688	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.669	232	501087	45.832	ng	95
60) Diethylphthalate	14.880	149	1794832	40.720	ng	99
61) 4-Chlorophenyl-phenyle...	15.086	204	864646	43.338	ng	95
62) 4-Nitroaniline	15.127	138	354842	35.624	ng	95
63) Azobenzene	15.380	77	1635743	39.139	ng	96
65) 4,6-Dinitro-2-methylph...	15.192	198	308347	46.427	ng	91
66) n-Nitrosodiphenylamine	15.310	169	1499184	48.521	ng	99
67) 4-Bromophenyl-phenylether	15.980	248	546883	50.030	ng	98
68) Hexachlorobenzene	16.086	284	619881	47.350	ng	97
69) Atrazine	16.280	200	524830	56.448	ng	98
70) Pentachlorophenol	16.445	266	803275	87.532	ng	98
71) Phenanthrene	16.827	178	2798987	49.165	ng	99
72) Anthracene	16.915	178	2660103	48.022	ng	100
73) Carbazole	17.198	167	2389120	42.242	ng	99
74) Di-n-butylphthalate	17.780	149	2937853	44.641	ng	99
75) Fluoranthene	18.862	202	3347767	48.347	ng	99
77) Benzidine	19.068	184	1388299	89.811	ng	99
78) Pyrene	19.227	202	3490899	53.636	ng	99
80) Butylbenzylphthalate	20.162	149	1247794	46.978	ng	96
81) Benzo(a)anthracene	21.003	228	3048278	50.375	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	984154	51.981	ng	98
83) Chrysene	21.062	228	2857193	49.766	ng	99
84) Bis(2-ethylhexyl)phtha...	20.962	149	1744396	46.309	ng	99
85) Di-n-octyl phthalate	21.992	149	3126306	48.829	ng	98
87) Indeno(1,2,3-cd)pyrene	26.715	276	3977139	52.370	ng	98
88) Benzo(b)fluoranthene	22.880	252	3307853	47.409	ng	99
89) Benzo(k)fluoranthene	22.933	252	3042305	46.163	ng	99
90) Benzo(a)pyrene	23.591	252	3154353	52.188	ng	99
91) Dibenzo(a,h)anthracene	26.762	278	2993975	48.715	ng	99
92) Benzo(g,h,i)perylene	27.644	276	3137261	49.166	ng	98

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

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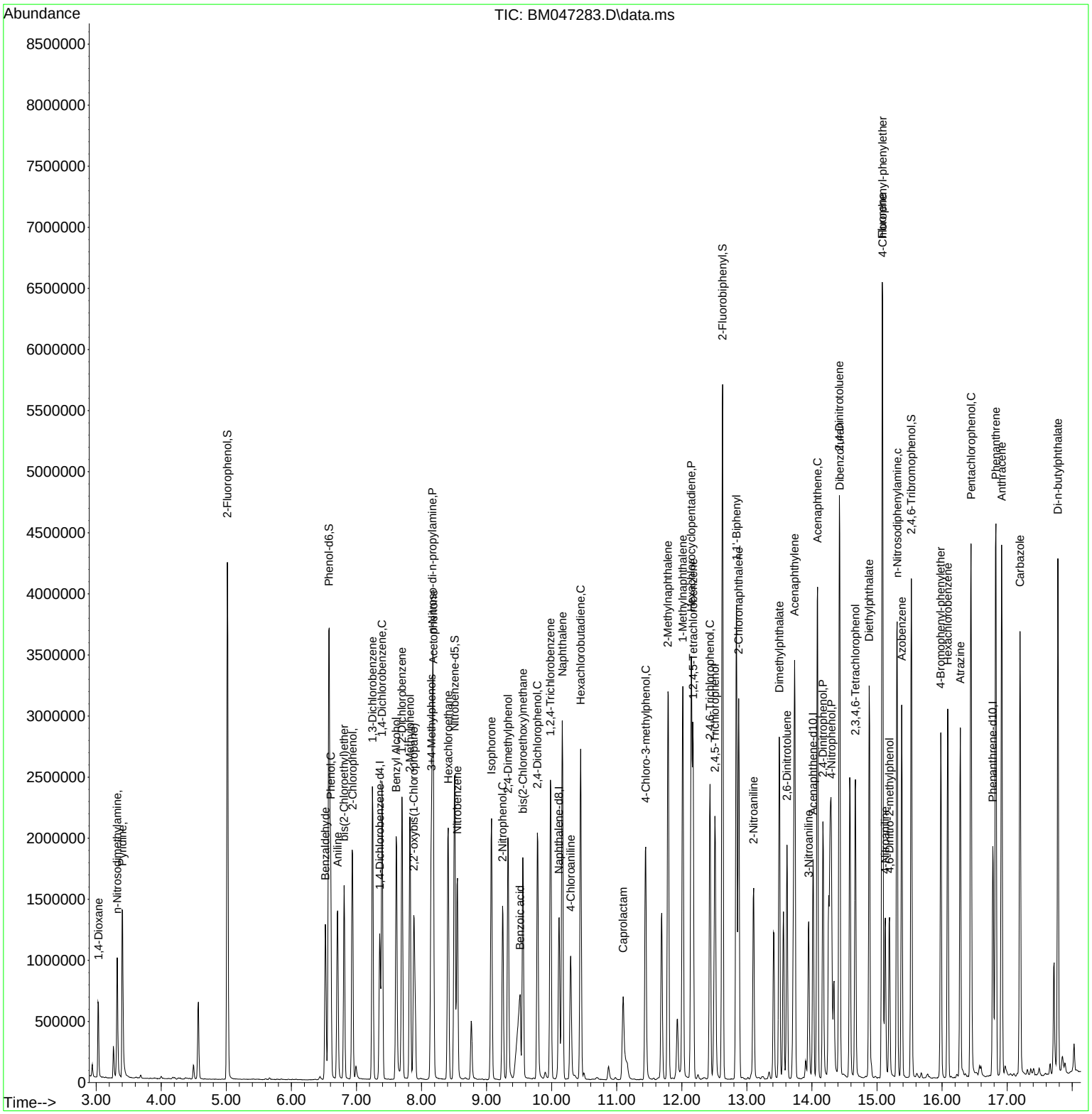

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