Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047333.D
Acq On : 23 Aug 2024 14:48
Operator : RC/JU
Sample : P3652-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LIVONIA-SOILMS

Quant Time: Aug 23 15:36:01 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	334232	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1242968	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	804051	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1621671	20.000	ng	-0.02
76) Chrysene-d12	21.021	240	1089141	20.000	ng	-0.01
86) Perylene-d12	23.709	264	1156252	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1882611	100.646	ng	-0.01
7) Phenol-d6	6.575	99	2449354	95.031	ng	-0.01
23) Nitrobenzene-d5	8.504	82	1637518	66.337	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	1025027	109.945	ng	-0.01
45) 2-Fluorobiphenyl	12.621	172	3790343	72.716	ng	-0.02
79) Terphenyl-d14	19.445	244	5029091	98.942	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	274207	35.380	ng	95
3) Pyridine	3.393	79	728097	32.037	ng	98
4) n-Nitrosodimethylamine	3.316	42	353426	35.595	ng	98
6) Aniline	6.704	93	908505	37.293	ng	99
8) 2-Chlorophenol	6.934	128	916672	44.932	ng	97
9) Benzaldehyde	6.516	77	459790	31.156	ng	99
10) Phenol	6.598	94	1067077	41.491	ng	98
11) bis(2-Chloroethyl)ether	6.804	93	872034	39.594	ng	98
12) 1,3-Dichlorobenzene	7.239	146	1015195	41.875	ng	97
13) 1,4-Dichlorobenzene	7.387	146	1033613	42.110	ng	98
14) 1,2-Dichlorobenzene	7.692	146	995041	42.964	ng	99
15) Benzyl Alcohol	7.610	79	807316	44.011	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.875	45	1077939	38.142	ng	98
17) 2-Methylphenol	7.822	107	732444	42.689	ng	98
18) Hexachloroethane	8.398	117	387115	40.715	ng	95
19) n-Nitroso-di-n-propyla...	8.163	70	641953	36.977	ng	97
20) 3+4-Methylphenols	8.145	107	992118	41.361	ng	98
22) Acetophenone	8.175	105	1243123	41.433	ng	99
24) Nitrobenzene	8.545	77	983347	39.561	ng	95
25) Isophorone	9.069	82	1827320	42.515	ng	97
26) 2-Nitrophenol	9.239	139	528248	47.988	ng	96
27) 2,4-Dimethylphenol	9.328	122	719133	55.770	ng	100
28) bis(2-Chloroethoxy)met...	9.551	93	1130142	41.788	ng	99
29) 2,4-Dichlorophenol	9.781	162	948617	49.581	ng	98
30) 1,2,4-Trichlorobenzene	9.975	180	977441	45.143	ng	99
31) Naphthalene	10.157	128	2647170	42.751	ng	100
32) Benzoic acid	9.533	122	655466	43.753	ng	97
33) 4-Chloroaniline	10.286	127	772862	32.457	ng	99
34) Hexachlorobutadiene	10.439	225	630701	49.767	ng	100
35) Caprolactam	11.110	113	288977	43.492	ng	91
36) 4-Chloro-3-methylphenol	11.445	107	900875	44.212	ng	99
37) 2-Methylnaphthalene	11.780	142	1929124	43.757	ng	99
38) 1-Methylnaphthalene	12.010	142	1800976	41.334	ng	99
40) 1,2,4,5-Tetrachloroben...	12.163	216	1091660	49.777	ng	98
41) Hexachlorocyclopentadiene	12.139	237	1009336	131.802	ng	98
43) 2,4,6-Trichlorophenol	12.427	196	777198	49.859	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.510	196	829763	47.943	ng	96
46)	1,1'-Biphenyl	12.833	154	2494121	43.572	ng	98
47)	2-Chloronaphthalene	12.869	162	1926647	43.063	ng	98
48)	2-Nitroaniline	13.098	65	582371	41.549	ng	96
49)	Acenaphthylene	13.727	152	3082520	46.741	ng	100
50)	Dimethylphthalate	13.498	163	2502624	44.566	ng	99
51)	2,6-Dinitrotoluene	13.616	165	569753	43.403	ng	88
52)	Acenaphthene	14.080	154	1877721	44.886	ng	99
53)	3-Nitroaniline	13.951	138	469486	35.692	ng	94
54)	2,4-Dinitrophenol	14.168	184	699513	88.910	ng	91
55)	Dibenzofuran	14.421	168	2906543	43.987	ng	98
56)	4-Nitrophenol	14.304	139	891722	78.617	ng	96
57)	2,4-Dinitrotoluene	14.421	165	739377	42.198	ng	97
58)	Fluorene	15.074	166	2350607	43.114	ng	99
59)	2,3,4,6-Tetrachlorophenol	14.663	232	709535	49.883	ng	93
60)	Diethylphthalate	14.880	149	2448526	42.698	ng	98
61)	4-Chlorophenyl-phenyle...	15.080	204	1193764	45.991	ng	93
62)	4-Nitroaniline	15.127	138	506482	39.084	ng	96
63)	Azobenzene	15.374	77	2165166	39.821	ng	95
65)	4,6-Dinitro-2-methylph...	15.192	198	444196	46.784	ng	88
66)	n-Nitrosodiphenylamine	15.304	169	2057047	46.571	ng	99
67)	4-Bromophenyl-phenylether	15.974	248	777219	49.737	ng	97
68)	Hexachlorobenzene	16.086	284	881925	47.123	ng	94
69)	Atrazine	16.280	200	783537	58.950	ng	98
70)	Pentachlorophenol	16.439	266	1179170	89.882	ng	99
71)	Phenanthrene	16.821	178	4012992	49.309	ng	100
72)	Anthracene	16.909	178	3789930	47.859	ng	99
73)	Carbazole	17.198	167	3442222	42.573	ng	99
74)	Di-n-butylphthalate	17.774	149	4319389	45.912	ng	99
75)	Fluoranthene	18.856	202	4833611	48.829	ng	99
77)	Benzidine	19.062	184	1350286	73.106	ng	99
78)	Pyrene	19.221	202	4945407	63.592	ng	99
80)	Butylbenzylphthalate	20.162	149	1753293	55.244	ng	93
81)	Benzo(a)anthracene	21.003	228	3691978	51.062	ng	100
82)	3,3'-Dichlorobenzidine	20.944	252	1147224	50.712	ng	99
83)	Chrysene	21.062	228	3348019	48.805	ng	100
84)	Bis(2-ethylhexyl)phtha...	20.956	149	2366605	52.581	ng	98
85)	Di-n-octyl phthalate	21.986	149	3857938	50.430	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.709	276	3863105	51.689	ng	97
88)	Benzo(b)fluoranthene	22.874	252	3340456	48.648	ng	99
89)	Benzo(k)fluoranthene	22.927	252	3129987	48.259	ng	98
90)	Benzo(a)pyrene	23.586	252	3113924	52.350	ng	98
91)	Dibenzo(a,h)anthracene	26.756	278	2903565	48.006	ng	99
92)	Benzo(g,h,i)perylene	27.632	276	3061813	48.757	ng	98

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

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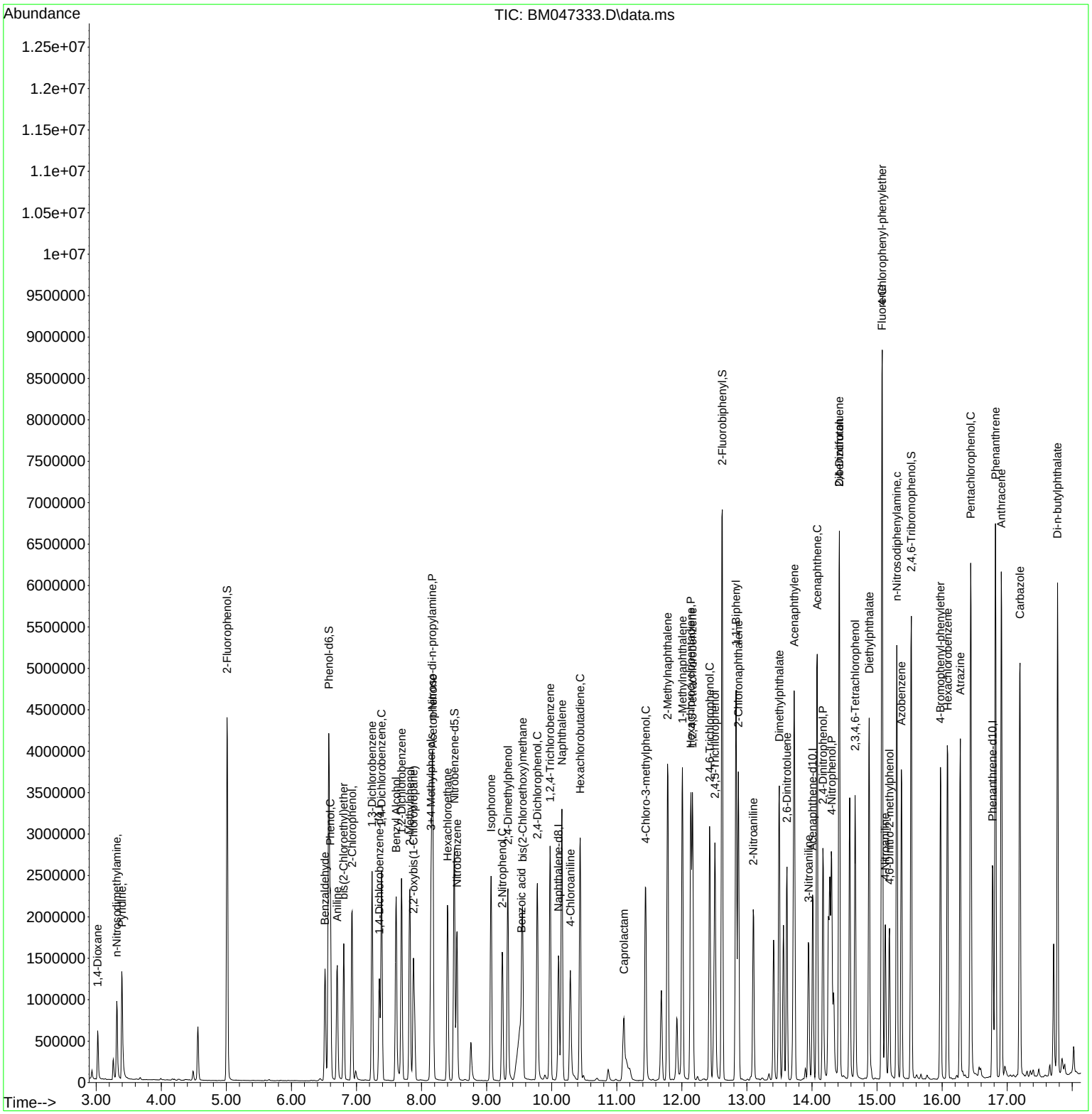

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