Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049957.D
Acq On : 16 Apr 2025 18:03
Operator : RC/JU
Sample : Q1808-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OILY-SOIL-PILEMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

Quant Time: Apr 16 18:40:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	369676	20.000	ng		-0.01
21) Naphthalene-d8	10.563	136	1237619	20.000	ng		-0.01
39) Acenaphthene-d10	14.410	164	766997	20.000	ng		-0.01
64) Phenanthrene-d10	17.157	188	1513554	20.000	ng		0.00
76) Chrysene-d12	21.403	240	1581516	20.000	ng		0.00
86) Perylene-d12	24.403	264	1732464	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1531602	70.353	ng		0.00
7) Phenol-d6	6.951	99	1963013	72.473	ng		0.00
23) Nitrobenzene-d5	8.928	82	1120213	50.403	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	804142	72.080	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	2699268	47.722	ng		-0.01
79) Terphenyl-d14	19.786	244	3881366	45.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	331801	37.008	ng		99
3) Pyridine	3.652	79	886022	37.613	ng		99
4) n-Nitrosodimethylamine	3.558	42	357717	39.903	ng		98
6) Aniline	7.098	93	693846	29.895	ng		100
8) 2-Chlorophenol	7.340	128	909259	40.755	ng		100
9) Benzaldehyde	6.910	77	450756	32.429	ng		99
10) Phenol	6.975	94	1102282	41.702	ng		100
11) bis(2-Chloroethyl)ether	7.193	93	848288	40.925	ng		99
12) 1,3-Dichlorobenzene	7.657	146	1082747	41.049	ng		99
13) 1,4-Dichlorobenzene	7.804	146	1089518	41.051	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1044648	41.788	ng		99
15) Benzyl Alcohol	8.010	79	677425	39.717	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	972620	42.099	ng		99
17) 2-Methylphenol	8.222	107	689259	42.315	ng		100
18) Hexachloroethane	8.845	117	371699	40.254	ng		96
19) n-Nitroso-di-n-propyla...	8.575	70	598167	39.873	ng		100
20) 3+4-Methylphenols	8.551	107	908212	40.897	ng		98
22) Acetophenone	8.592	105	1208718	40.186	ng	#	99
24) Nitrobenzene	8.969	77	866159	40.473	ng		96
25) Isophorone	9.498	82	1591002	42.732	ng		99
26) 2-Nitrophenol	9.681	139	475156	41.890	ng		98
27) 2,4-Dimethylphenol	9.751	122	763996	59.433	ng		98
28) bis(2-Chloroethoxy)met...	9.975	93	1007527	40.421	ng		99
29) 2,4-Dichlorophenol	10.228	162	862412	40.360	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	1029854	41.662	ng		99
31) Naphthalene	10.616	128	2515800	39.560	ng		99
32) Benzoic acid	9.892	122	458701m	32.206	ng		
33) 4-Chloroaniline	10.734	127	454385	20.235	ng		98
34) Hexachlorobutadiene	10.898	225	656410	42.929	ng		100
35) Caprolactam	11.510	113	230307	37.580	ng		99
36) 4-Chloro-3-methylphenol	11.869	107	732863	39.155	ng		98
37) 2-Methylnaphthalene	12.228	142	1627295	36.319	ng		99
38) 1-Methylnaphthalene	12.451	142	1707995	39.128	ng		100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1139380	42.462	ng		98
41) Hexachlorocyclopentadiene	12.580	237	1055285	112.235	ng		100
43) 2,4,6-Trichlorophenol	12.845	196	726527	42.550	ng		100

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44) 2,4,5-Trichlorophenol	12.933	196	784458	42.277	ng		98
46) 1,1'-Biphenyl	13.245	154	2348328	41.187	ng		100
47) 2-Chloronaphthalene	13.286	162	1858097	41.463	ng		99
48) 2-Nitroaniline	13.492	65	440557	42.494	ng		96
49) Acenaphthylene	14.133	152	3001811	45.985	ng		100
50) Dimethylphthalate	13.869	163	2149959	39.733	ng		99
51) 2,6-Dinitrotoluene	13.992	165	471424	41.583	ng		94
52) Acenaphthene	14.474	154	1690361	40.710	ng		99
53) 3-Nitroaniline	14.322	138	379621	34.646	ng		96
54) 2,4-Dinitrophenol	14.533	184	458345	58.011	ng		97
55) Dibenzofuran	14.816	168	2747091	39.576	ng		98
56) 4-Nitrophenol	14.657	139	807322	82.681	ng		100
57) 2,4-Dinitrotoluene	14.780	165	656603	43.414	ng		97
58) Fluorene	15.463	166	2280971	41.340	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.045	232	657445	40.425	ng		97
60) Diethylphthalate	15.233	149	1977276	38.104	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	1209434	40.885	ng		99
62) 4-Nitroaniline	15.486	138	457581	40.382	ng		99
63) Azobenzene	15.751	77	1868965	42.069	ng		97
65) 4,6-Dinitro-2-methylph...	15.551	198	309039	32.402	ng		97
66) n-Nitrosodiphenylamine	15.668	169	1863778	41.148	ng		100
67) 4-Bromophenyl-phenylether	16.351	248	735992	41.888	ng		96
68) Hexachlorobenzene	16.468	284	859631	42.653	ng		98
69) Atrazine	16.627	200	658237	56.048	ng		98
70) Pentachlorophenol	16.815	266	1175579	79.229	ng		99
71) Phenanthrene	17.204	178	4014857	48.384	ng		100
72) Anthracene	17.292	178	3713619	45.413	ng		100
73) Carbazole	17.562	167	3182056	41.314	ng		100
74) Di-n-butylphthalate	18.127	149	3483798	39.270	ng		99
75) Fluoranthene	19.221	202	5911614	57.942	ng		99
77) Benzidine	19.409	184	2155270	102.725	ng		100
78) Pyrene	19.580	202	5867613	53.834	ng		99
80) Butylbenzylphthalate	20.480	149	1606238	39.219	ng		96
81) Benzo(a)anthracene	21.380	228	5295288	50.380	ng		99
82) 3,3'-Dichlorobenzidine	21.303	252	1323105	33.334	ng		99
83) Chrysene	21.445	228	4847226	48.508	ng		99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2399707	40.216	ng		97
85) Di-n-octyl phthalate	22.433	149	4184046	40.081	ng	#	100
87) Indeno(1,2,3-cd)pyrene	27.803	276	5924472	45.876	ng		98
88) Benzo(b)fluoranthene	23.462	252	5347993	48.334	ng		99
89) Benzo(k)fluoranthene	23.521	252	4960054	46.259	ng		99
90) Benzo(a)pyrene	24.268	252	5005538	51.482	ng		99
91) Dibenzo(a,h)anthracene	27.850	278	4545734	42.735	ng		99
92) Benzo(g,h,i)perylene	28.868	276	4698084	43.222	ng		98

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

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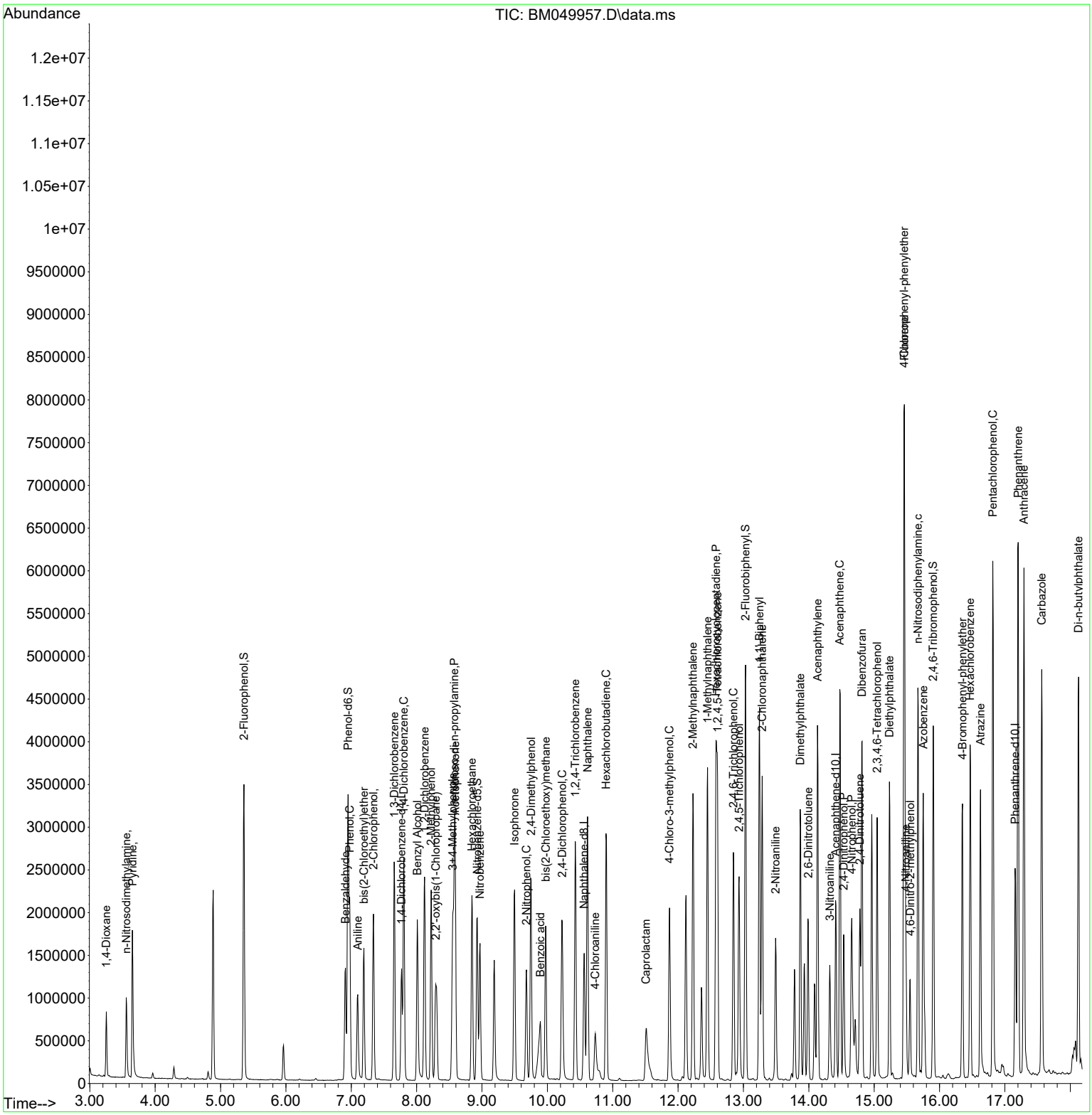

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