Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049956.D
Acq On : 16 Apr 2025 17:24
Operator : RC/JU
Sample : Q1808-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OILY-SOIL-PILEMS

Manual Integrations APPROVED

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

Quant Time: Apr 16 18:00:35 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	406363	20.000	ng		-0.01
21) Naphthalene-d8	10.563	136	1376105	20.000	ng		-0.01
39) Acenaphthene-d10	14.416	164	799224	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1420458	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1491037	20.000	ng		0.00
86) Perylene-d12	24.403	264	1703857	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1798675	75.162	ng		0.00
7) Phenol-d6	6.951	99	2296597	77.133	ng		0.00
23) Nitrobenzene-d5	8.928	82	1296581	52.467	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	799734	68.794	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	3027361	51.364	ng		-0.01
79) Terphenyl-d14	19.780	244	3597515	45.216	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	366188	37.156	ng		98
3) Pyridine	3.652	79	978539	37.790	ng		99
4) n-Nitrosodimethylamine	3.557	42	414748	42.088	ng		95
6) Aniline	7.098	93	810792	31.780	ng		100
8) 2-Chlorophenol	7.339	128	1055398	43.035	ng		100
9) Benzaldehyde	6.910	77	518591	33.941	ng		99
10) Phenol	6.975	94	1285447	44.241	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	978420	42.941	ng		99
12) 1,3-Dichlorobenzene	7.657	146	1231028	42.457	ng		98
13) 1,4-Dichlorobenzene	7.804	146	1236638	42.387	ng		100
14) 1,2-Dichlorobenzene	8.122	146	1189123	43.273	ng		99
15) Benzyl Alcohol	8.010	79	787637	42.010	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1111983	43.786	ng		99
17) 2-Methylphenol	8.222	107	797104	44.518	ng		98
18) Hexachloroethane	8.845	117	416775	41.061	ng		96
19) n-Nitroso-di-n-propyla...	8.575	70	686637	41.638	ng		99
20) 3+4-Methylphenols	8.551	107	1063294	43.558	ng		99
22) Acetophenone	8.592	105	1396852	41.767	ng	#	99
24) Nitrobenzene	8.969	77	998358	41.956	ng		99
25) Isophorone	9.498	82	1817234	43.897	ng		98
26) 2-Nitrophenol	9.681	139	540044	42.820	ng		99
27) 2,4-Dimethylphenol	9.751	122	874829	61.207	ng		96
28) bis(2-Chloroethoxy)met...	9.975	93	1158839	41.813	ng		99
29) 2,4-Dichlorophenol	10.228	162	992720	41.783	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	1161378	42.254	ng		100
31) Naphthalene	10.616	128	2876743	40.684	ng		100
32) Benzoic acid	9.898	122	505741m	32.007	ng		
33) 4-Chloroaniline	10.739	127	432260	17.312	ng		98
34) Hexachlorobutadiene	10.898	225	738495	43.437	ng		98
35) Caprolactam	11.516	113	242249	35.550	ng		96
36) 4-Chloro-3-methylphenol	11.869	107	808552	38.851	ng		99
37) 2-Methylnaphthalene	12.227	142	1830601	36.745	ng		100
38) 1-Methylnaphthalene	12.451	142	1906413	39.278	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1265551	45.262	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1280455	130.691	ng		98
43) 2,4,6-Trichlorophenol	12.845	196	797228	44.807	ng		100

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44) 2,4,5-Trichlorophenol	12.933	196	842808	43.590	ng		99
46) 1,1'-Biphenyl	13.245	154	2592921	43.643	ng		100
47) 2-Chloronaphthalene	13.286	162	2054225	43.991	ng		99
48) 2-Nitroaniline	13.492	65	469384	43.449	ng		98
49) Acenaphthylene	14.133	152	3229442	47.477	ng		99
50) Dimethylphthalate	13.874	163	2324736	41.230	ng		100
51) 2,6-Dinitrotoluene	13.992	165	502133	42.506	ng		98
52) Acenaphthene	14.480	154	1824893	42.178	ng		100
53) 3-Nitroaniline	14.321	138	406613	35.613	ng		95
54) 2,4-Dinitrophenol	14.533	184	476695	57.914	ng		99
55) Dibenzofuran	14.815	168	2924369	40.431	ng		99
56) 4-Nitrophenol	14.657	139	777995	76.465	ng		99
57) 2,4-Dinitrotoluene	14.780	165	671437	42.604	ng		98
58) Fluorene	15.462	166	2376020	41.327	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.045	232	675881	39.883	ng		97
60) Diethylphthalate	15.233	149	2066795	38.223	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	1283435	41.637	ng		99
62) 4-Nitroaniline	15.486	138	449887	38.102	ng		98
63) Azobenzene	15.751	77	1954255	42.215	ng		96
65) 4,6-Dinitro-2-methylph...	15.551	198	319385	35.681	ng		95
66) n-Nitrosodiphenylamine	15.668	169	1940515	45.649	ng		100
67) 4-Bromophenyl-phenylether	16.351	248	752409	45.629	ng		95
68) Hexachlorobenzene	16.474	284	849476	44.912	ng		98
69) Atrazine	16.627	200	644299	58.457	ng		98
70) Pentachlorophenol	16.815	266	1129411	81.106	ng		99
71) Phenanthrene	17.204	178	3893868	50.001	ng		100
72) Anthracene	17.292	178	3612196	47.068	ng		100
73) Carbazole	17.562	167	3029760	41.915	ng		99
74) Di-n-butylphthalate	18.127	149	3321320	39.892	ng		100
75) Fluoranthene	19.221	202	5598504	58.470	ng		99
77) Benzidine	19.403	184	1757191	88.834	ng		100
78) Pyrene	19.580	202	5556582	54.074	ng		99
80) Butylbenzylphthalate	20.480	149	1483885	38.430	ng		95
81) Benzo(a)anthracene	21.380	228	5147445	51.945	ng		99
82) 3,3'-Dichlorobenzidine	21.303	252	1236885	33.052	ng		100
83) Chrysene	21.444	228	4702904	49.920	ng		99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2193530	38.992	ng		97
85) Di-n-octyl phthalate	22.433	149	3960481	40.242	ng	#	99
87) Indeno(1,2,3-cd)pyrene	27.803	276	6056980	47.690	ng		98
88) Benzo(b)fluoranthene	23.456	252	5423030	49.835	ng		99
89) Benzo(k)fluoranthene	23.521	252	4972441	47.153	ng		99
90) Benzo(a)pyrene	24.262	252	5073049	53.053	ng		99
91) Dibenzo(a,h)anthracene	27.856	278	4649002	44.439	ng		99
92) Benzo(g,h,i)perylene	28.856	276	4814163	45.033	ng		98

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

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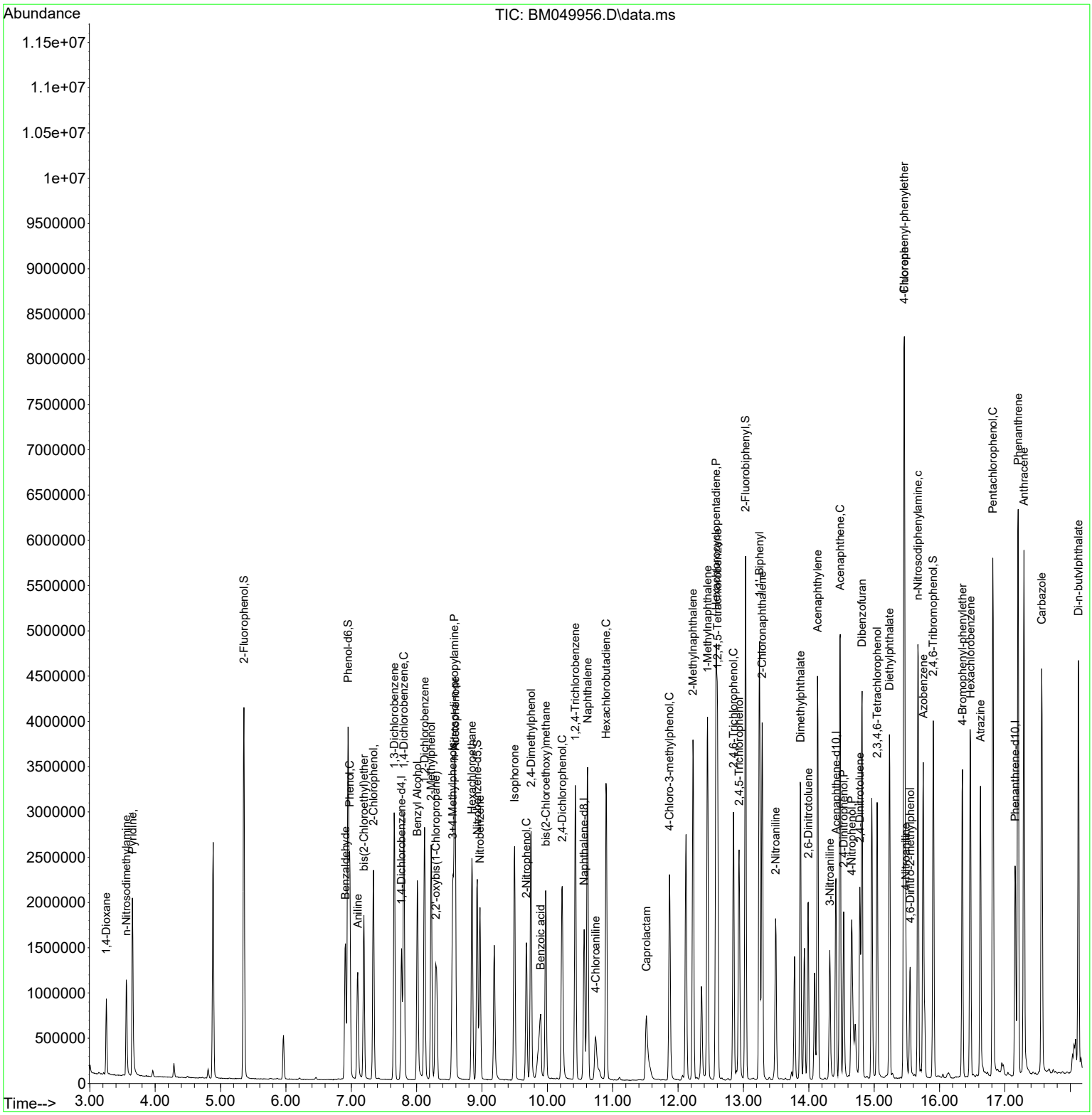

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