Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
Data File : BE101418.D
Acq On : 30 Oct 2024 11:11
Operator : RC/JU
Sample : P4368-03
Misc : MDL-MDL-SOIL 4 PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 30 12:05:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.570	152	206952	20.000	ng		0.00
21) Naphthalene-d8	10.337	136	1027670	20.000	ng		0.00
39) Acenaphthene-d10	14.180	164	755754	20.000	ng		0.00
64) Phenanthrene-d10	16.918	188	1722994	20.000	ng		0.00
76) Chrysene-d12	21.072	240	1945102	20.000	ng		0.00
86) Perylene-d12	23.363	264	2422824	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.314	112	1215241	102.918	ng		0.00
7) Phenol-d6	6.947	99	1736362	106.052	ng		0.00
23) Nitrobenzene-d5	8.780	82	1223551	74.781	ng		0.00
42) 2,4,6-Tribromophenol	15.690	330	1429363	107.910	ng		0.00
45) 2-Fluorobiphenyl	12.805	172	3131990	70.183	ng		0.00
79) Terphenyl-d14	19.509	244	4776744	56.521	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	13268	3.013	ng		92
3) Pyridine	3.780	79	33650m	2.701	ng		
4) n-Nitrosodimethylamine	3.622	42	15652m	3.247	ng		
6) Aniline	7.018	93	62313	4.966	ng		98
8) 2-Chlorophenol	7.212	128	50566	3.570	ng		92
9) Benzaldehyde	6.789	77	36748	4.649	ng		98
10) Phenol	6.971	94	65470m	3.685	ng		
11) bis(2-Chloroethyl)ether	7.041	93	53997m	3.705	ng		
12) 1,3-Dichlorobenzene	7.458	146	54083	3.542	ng		99
13) 1,4-Dichlorobenzene	7.605	146	54808	3.515	ng		99
14) 1,2-Dichlorobenzene	7.934	146	53907	3.531	ng		97
15) Benzyl Alcohol	7.911	79	46038	4.717	ng	#	70
16) 2,2'-oxybis(1-Chloropr...	8.069	45	72380	3.947	ng		98
17) 2-Methylphenol	8.152	107	36606	3.045	ng		96
18) Hexachloroethane	8.628	117	17760	3.487	ng		98
19) n-Nitroso-di-n-propyla...	8.375	70	38944	3.584	ng		97
20) 3+4-Methylphenols	8.492	107	49444	2.979	ng		97
22) Acetophenone	8.428	105	82002	3.514	ng	#	98
24) Nitrobenzene	8.821	77	62974	3.616	ng		99
25) Isophorone	9.274	82	108258	3.391	ng		98
26) 2-Nitrophenol	9.509	139	26126	3.104	ng		98
28) bis(2-Chloroethoxy)met...	9.779	93	66577	3.438	ng		99
29) 2,4-Dichlorophenol	10.055	162	45925	3.134	ng		97
30) 1,2,4-Trichlorobenzene	10.185	180	55637	3.486	ng		99
31) Naphthalene	10.384	128	181318	3.462	ng		99
32) Benzoic acid	9.826	122	12402m	9.159	ng		
33) 4-Chloroaniline	10.613	127	66031	3.626	ng		99
34) Hexachlorobutadiene	10.637	225	31627	3.347	ng		97
35) Caprolactam	11.389	113	14466m	2.576	ng		
36) 4-Chloro-3-methylphenol	11.783	107	49286	2.954	ng		96
37) 2-Methylnaphthalene	11.977	142	129926	3.444	ng		99
38) 1-Methylnaphthalene	12.200	142	122911	3.264	ng		98
40) 1,2,4,5-Tetrachloroben...	12.335	216	66724	3.517	ng		99
43) 2,4,6-Trichlorophenol	12.652	196	39843	3.046	ng		96
44) 2,4,5-Trichlorophenol	12.752	196	45115	3.012	ng		98
46) 1,1'-Biphenyl	13.005	154	192743	3.722	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47)	2-Chloronaphthalene	13.052	162	138461	3.385	ng	97
48)	2-Nitroaniline	13.381	65	29035	2.637	ng	98
49)	Acenaphthylene	13.910	152	220162	3.639	ng	99
50)	Dimethylphthalate	13.680	163	181722	3.406	ng	98
51)	2,6-Dinitrotoluene	13.816	165	35647	2.894	ng	97
52)	Acenaphthene	14.239	154	134423	3.403	ng	98
53)	3-Nitroaniline	14.227	138	35025	2.860	ng	97
54)	2,4-Dinitrophenol	14.368	184	10388	6.720	ng	94
55)	Dibenzofuran	14.585	168	223747	3.554	ng	98
56)	4-Nitrophenol	14.644	139	26553	2.368	ng	99
57)	2,4-Dinitrotoluene	14.603	165	45501	2.683	ng	92
58)	Fluorene	15.220	166	179795	3.414	ng	100
59)	2,3,4,6-Tetrachlorophenol	14.850	232	45949	3.320	ng	98
60)	Diethylphthalate	15.008	149	184379	3.304	ng	98
61)	4-Chlorophenyl-phenyle...	15.208	204	88438	3.384	ng	97
62)	4-Nitroaniline	15.408	138	35518	2.606	ng	99
63)	Azobenzene	15.508	77	165087	3.442	ng	99
65)	4,6-Dinitro-2-methylph...	15.343	198	21401	2.114	ng	93
66)	n-Nitrosodiphenylamine	15.455	169	157792	3.453	ng	99
67)	4-Bromophenyl-phenylether	16.095	248	60836	3.357	ng	95
68)	Hexachlorobenzene	16.201	284	80288	3.380	ng	96
69)	Atrazine	16.389	200	56444	4.029	ng	98
70)	Pentachlorophenol	16.606	266	35196	2.574	ng	99
71)	Phenanthrene	16.953	178	307305	3.725	ng	97
72)	Anthracene	17.041	178	275216	3.417	ng	97
73)	Carbazole	17.370	167	284775	3.455	ng	98
74)	Di-n-butylphthalate	17.823	149	314585	3.467	ng	97
75)	Fluoranthene	18.957	202	364362	3.636	ng	96
77)	Benzidine	19.215	184	61398	2.487	ng	98
78)	Pyrene	19.327	202	389518	3.642	ng	95
80)	Butylbenzylphthalate	20.179	149	160918	3.432	ng	98
81)	Benzo(a)anthracene	21.054	228	430655	3.939	ng	94
82)	3,3'-Dichlorobenzidine	21.031	252	135543	3.165	ng	99
83)	Chrysene	21.107	228	416799	3.943	ng	93
84)	Bis(2-ethylhexyl)phtha...	20.884	149	209438	3.362	ng	95
85)	Di-n-octyl phthalate	21.730	149	360303	3.524	ng	100
87)	Indeno(1,2,3-cd)pyrene	25.660	276	587942	3.626	ng	99
88)	Benzo(b)fluoranthene	22.646	252	469710	3.720	ng	97
89)	Benzo(k)fluoranthene	22.688	252	441173	3.740	ng	96
90)	Benzo(a)pyrene	23.246	252	411436	3.726	ng	99
91)	Dibenzo(a,h)anthracene	25.660	278	477660	3.565	ng	99
92)	Benzo(g,h,i)perylene	26.413	276	452317	3.277	ng	98

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

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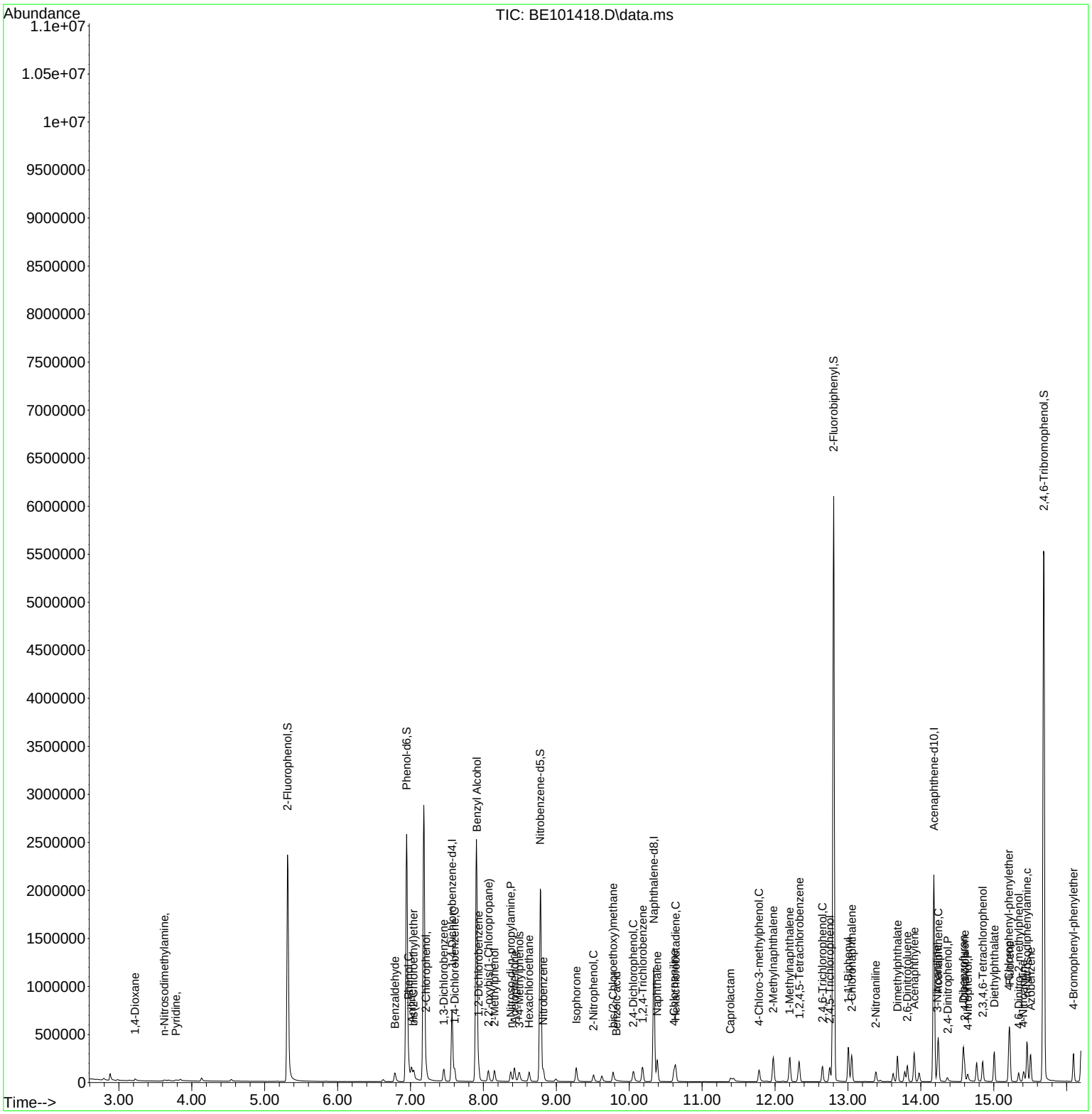

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