Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
Data File : BE101409.D
Acq On : 29 Oct 2024 16:20
Operator : RC/JU
Sample : P4368-01
Misc : LOD-MDL-SOIL 4 PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 29 17:01:36 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 :
LOD-MDL-SOIL-01-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.573	152	194466	20.000	ng		0.00
21) Naphthalene-d8	10.340	136	961068	20.000	ng		0.00
39) Acenaphthene-d10	14.177	164	698358	20.000	ng		0.00
64) Phenanthrene-d10	16.915	188	1618175	20.000	ng		0.00
76) Chrysene-d12	21.075	240	1883551	20.000	ng		0.00
86) Perylene-d12	23.360	264	2370908	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.316	112	1162822	104.802	ng		0.00
7) Phenol-d6	6.950	99	1644739	106.906	ng		0.00
23) Nitrobenzene-d5	8.783	82	1130543	73.885	ng		0.00
42) 2,4,6-Tribromophenol	15.687	330	1337339	109.260	ng		0.00
45) 2-Fluorobiphenyl	12.808	172	2941416	71.330	ng		0.00
79) Terphenyl-d14	19.512	244	4580944	55.976	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	14370	3.472	ng		99
3) Pyridine	3.801	79	29999m	2.562	ng		
4) n-Nitrosodimethylamine	3.636	42	14711m	3.247	ng		
6) Aniline	7.015	93	58217	4.938	ng		98
8) 2-Chlorophenol	7.214	128	48803	3.667	ng		94
9) Benzaldehyde	6.785	77	34482	4.643	ng		95
10) Phenol	6.973	94	62208m	3.727	ng		
11) bis(2-Chloroethyl)ether	7.044	93	47173m	3.445	ng		
12) 1,3-Dichlorobenzene	7.455	146	51622	3.597	ng		98
13) 1,4-Dichlorobenzene	7.602	146	52322	3.571	ng		98
14) 1,2-Dichlorobenzene	7.931	146	50728	3.537	ng		97
15) Benzyl Alcohol	7.913	79	41655	4.542	ng	#	78
16) 2,2'-oxybis(1-Chloropr...	8.066	45	66813	3.877	ng		99
17) 2-Methylphenol	8.154	107	34014	3.011	ng		96
18) Hexachloroethane	8.630	117	16471	3.442	ng		94
19) n-Nitroso-di-n-propyla...	8.378	70	34340	3.364	ng		98
20) 3+4-Methylphenols	8.495	107	47310	3.034	ng		97
22) Acetophenone	8.425	105	75382	3.454	ng	#	99
24) Nitrobenzene	8.824	77	58287	3.579	ng		98
25) Isophorone	9.277	82	97280	3.258	ng		97
26) 2-Nitrophenol	9.512	139	22963	2.917	ng		98
28) bis(2-Chloroethoxy)met...	9.782	93	59922	3.309	ng		94
29) 2,4-Dichlorophenol	10.058	162	42765	3.121	ng		96
30) 1,2,4-Trichlorobenzene	10.187	180	51034	3.419	ng		97
31) Naphthalene	10.387	128	170641	3.484	ng		99
32) Benzoic acid	9.817	122	10319m	9.055	ng		
33) 4-Chloroaniline	10.616	127	60099	3.529	ng		95
34) Hexachlorobutadiene	10.640	225	29508	3.340	ng		97
35) Caprolactam	11.392	113	12823	2.441	ng		99
36) 4-Chloro-3-methylphenol	11.785	107	47101	3.019	ng		98
37) 2-Methylnaphthalene	11.979	142	120973	3.429	ng		98
38) 1-Methylnaphthalene	12.203	142	115276	3.273	ng		99
40) 1,2,4,5-Tetrachloroben...	12.332	216	60804	3.468	ng		99
43) 2,4,6-Trichlorophenol	12.649	196	37200	3.078	ng		96
44) 2,4,5-Trichlorophenol	12.749	196	41856	3.024	ng		96
46) 1,1'-Biphenyl	13.007	154	177393	3.708	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.055	162	127367	3.369	ng		98
48) 2-Nitroaniline	13.384	65	28481	2.800	ng		97
49) Acenaphthylene	13.912	152	202488	3.622	ng		98
50) Dimethylphthalate	13.683	163	167221	3.392	ng		98
51) 2,6-Dinitrotoluene	13.812	165	33013	2.901	ng		98
52) Acenaphthene	14.241	154	123885	3.394	ng		99
53) 3-Nitroaniline	14.230	138	33551	2.965	ng		98
54) 2,4-Dinitrophenol	14.365	184	10668	6.843	ng	#	92
55) Dibenzofuran	14.582	168	206817	3.555	ng		97
56) 4-Nitrophenol	14.641	139	24374	2.352	ng		93
57) 2,4-Dinitrotoluene	14.600	165	41305	2.636	ng	#	87
58) Fluorene	15.223	166	164697	3.384	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.847	232	41907	3.277	ng		97
60) Diethylphthalate	15.005	149	170764	3.312	ng		98
61) 4-Chlorophenyl-phenyle...	15.211	204	81029	3.355	ng		97
62) 4-Nitroaniline	15.411	138	33151	2.633	ng		98
63) Azobenzene	15.505	77	149543	3.374	ng		98
65) 4,6-Dinitro-2-methylph...	15.346	198	19124	2.011	ng		95
66) n-Nitrosodiphenylamine	15.458	169	145472	3.390	ng		96
67) 4-Bromophenyl-phenylether	16.092	248	56845	3.340	ng		98
68) Hexachlorobenzene	16.198	284	72966	3.270	ng		99
69) Atrazine	16.386	200	53860	4.094	ng		95
70) Pentachlorophenol	16.609	266	32468	2.528	ng		94
71) Phenanthrene	16.956	178	287062	3.705	ng		97
72) Anthracene	17.044	178	259126	3.425	ng		97
73) Carbazole	17.367	167	266997	3.449	ng		98
74) Di-n-butylphthalate	17.820	149	298203	3.499	ng		97
75) Fluoranthene	18.959	202	343330	3.649	ng		96
77) Benzidine	19.218	184	67224	2.812	ng		97
78) Pyrene	19.324	202	374535	3.616	ng		96
80) Butylbenzylphthalate	20.181	149	155151	3.417	ng		98
81) Benzo(a)anthracene	21.051	228	416729	3.936	ng		94
82) 3,3'-Dichlorobenzidine	21.028	252	137970	3.327	ng		96
83) Chrysene	21.110	228	409341	3.999	ng		92
84) Bis(2-ethylhexyl)phtha...	20.881	149	201538	3.341	ng	#	96
85) Di-n-octyl phthalate	21.727	149	344472	3.479	ng		100
87) Indeno(1,2,3-cd)pyrene	25.663	276	571649	3.603	ng		99
88) Benzo(b)fluoranthene	22.643	252	434141	3.514	ng		98
89) Benzo(k)fluoranthene	22.690	252	449800	3.897	ng		97
90) Benzo(a)pyrene	23.243	252	401252	3.713	ng		98
91) Dibenzo(a,h)anthracene	25.657	278	473245	3.610	ng		99
92) Benzo(g,h,i)perylene	26.409	276	446449	3.305	ng		99

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

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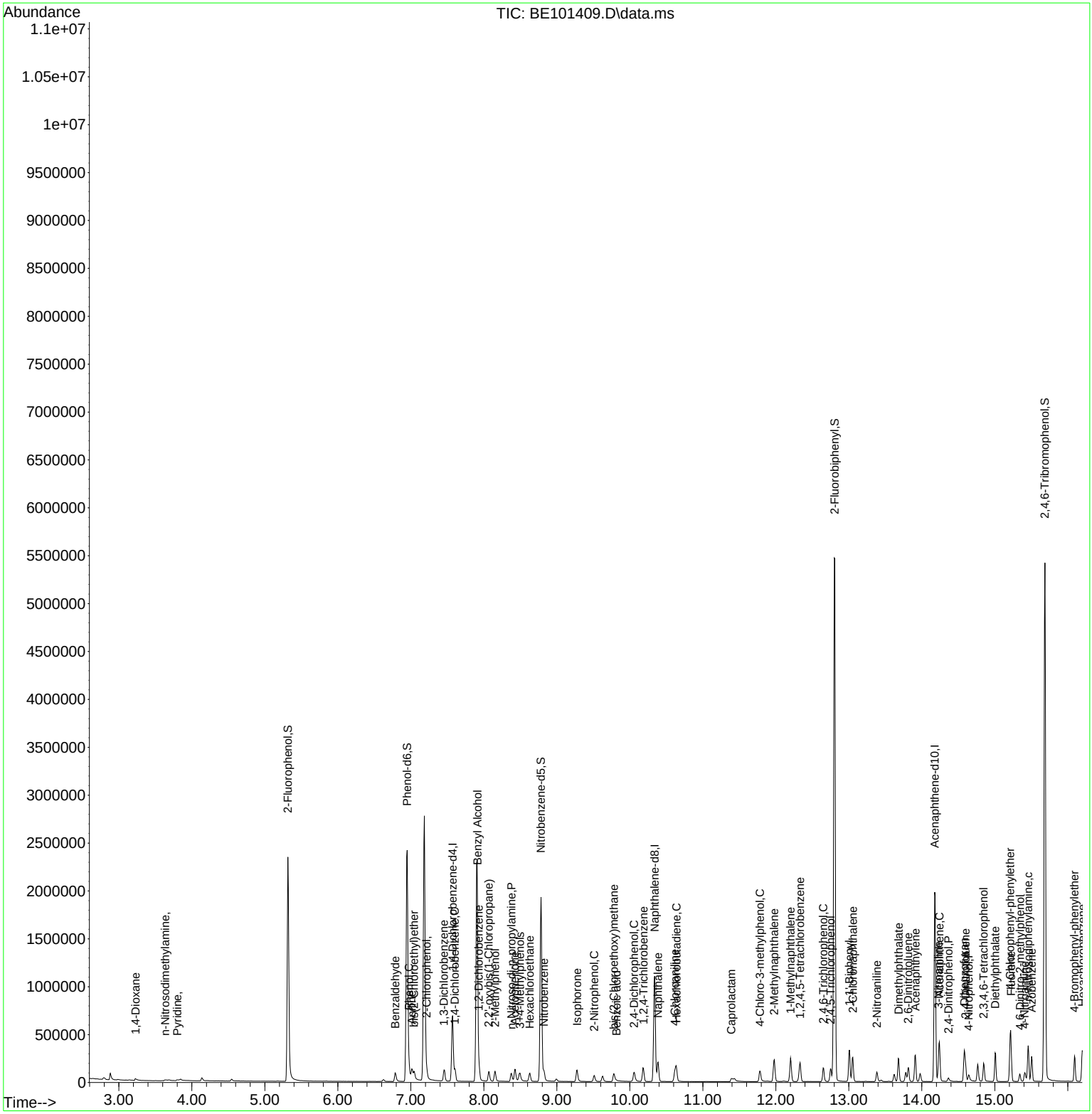

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