Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100120\
Data File : BP003443.D
Acq On : 01 Oct 2020 18:12
Operator : CG/JU
Sample : L4194-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CG-SOILMS

Quant Time: Oct 01 19:02:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 10:05:32 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.528	152	104093	20.00	ng		0.00
21) Naphthalene-d8	10.304	136	423427	20.00	ng		# 0.00
39) Acenaphthene-d10	14.186	164	262337	20.00	ng		0.00
64) Phenanthrene-d10	16.945	188	547026	20.00	ng		# 0.00
76) Chrysene-d12	21.051	240	493068	20.00	ng		-0.01
86) Perylene-d12	23.239	264	440383	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.146	112	641750	107.65	ng		0.00
7) Phenol-d6	6.740	99	835429	105.14	ng		0.00
23) Nitrobenzene-d5	8.681	82	548708	76.13	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	312356	78.06	ng		0.00
45) 2-Fluorobiphenyl	12.804	172	1164685	64.93	ng		0.00
79) Terphenyl-d14	19.527	244	1529159	64.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.040	88	102145	41.69	ng		98
3) Pyridine	3.428	79	274991	42.16	ng		92
4) n-Nitrosodimethylamine	3.352	42	94065	48.21	ng		95
6) Aniline	6.863	93	293664	32.18	ng		93
8) 2-Chlorophenol	7.104	128	314570	47.38	ng		90
9) Benzaldehyde	6.675	77	79640	17.97	ng		86
10) Phenol	6.763	94	408347	53.80	ng		89
11) bis(2-Chloroethyl)ether	6.963	93	290963	48.38	ng		96
12) 1,3-Dichlorobenzene	7.416	146	327831	41.30	ng	#	94
13) 1,4-Dichlorobenzene	7.563	146	330558	41.17	ng		95
14) 1,2-Dichlorobenzene	7.875	146	317813	41.23	ng		95
15) Benzyl Alcohol	7.781	79	284676	53.91	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.069	45	216372	49.48	ng		89
17) 2-Methylphenol	7.999	107	273046	49.75	ng		95
18) Hexachloroethane	8.593	117	127130	42.49	ng		93
19) n-Nitroso-di-n-propyla...	8.340	70	206677	48.55	ng	#	95
20) 3+4-Methylphenols	8.334	107	356193	48.77	ng	#	83
22) Acetophenone	8.351	105	440910	42.40	ng	#	93
24) Nitrobenzene	8.722	77	340998	47.28	ng	#	83
25) Isophorone	9.251	82	631658	47.82	ng	#	91
26) 2-Nitrophenol	9.434	139	173738	44.11	ng	#	80
27) 2,4-Dimethylphenol	9.516	122	294847	52.93	ng		91
28) bis(2-Chloroethoxy)met...	9.734	93	387189	44.04	ng		98
29) 2,4-Dichlorophenol	9.987	162	301113	43.26	ng		94
30) 1,2,4-Trichlorobenzene	10.181	180	304378	36.86	ng		98
31) Naphthalene	10.357	128	926338	41.41	ng		100
32) Benzoic acid	9.740	122	154266	40.47	ng	#	82
33) 4-Chloroaniline	10.481	127	107286	11.29	ng	#	93
34) Hexachlorobutadiene	10.651	225	192978	34.23	ng		99
35) Caprolactam	11.263	113	102790	44.25	ng		86
36) 4-Chloro-3-methylphenol	11.645	107	343268	45.74	ng		88
37) 2-Methylnaphthalene	11.987	142	658849	40.66	ng	#	96
38) 1-Methylnaphthalene	12.204	142	616050	40.04	ng		99
40) 1,2,4,5-Tetrachloroben...	12.369	216	343416	39.98	ng	#	99
41) Hexachlorocyclopentadiene	12.345	237	175978	63.82	ng		99
43) 2,4,6-Trichlorophenol	12.622	196	229689	41.36	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.716	196	247464	43.32	ng	#	95
46) 1,1'-Biphenyl	13.016	154	836532	42.76	ng		98
47) 2-Chloronaphthalene	13.051	162	648402	40.02	ng		96
48) 2-Nitroaniline	13.269	65	191798	46.77	ng	#	73
49) Acenaphthylene	13.904	152	1038871	41.96	ng		100
50) Dimethylphthalate	13.657	163	950509	45.37	ng		100
51) 2,6-Dinitrotoluene	13.775	165	187967	41.86	ng	#	72
52) Acenaphthene	14.251	154	615138	40.83	ng		99
53) 3-Nitroaniline	14.110	138	97443	20.03	ng	#	77
54) 2,4-Dinitrophenol	14.345	184	172805	81.21	ng	#	83
55) Dibenzofuran	14.592	168	954779	39.71	ng		95
56) 4-Nitrophenol	14.469	139	238323	80.14	ng	#	62
57) 2,4-Dinitrotoluene	14.581	165	250922	40.29	ng	#	62
58) Fluorene	15.245	166	765221	40.29	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.839	232	205024	38.17	ng		96
60) Diethylphthalate	15.028	149	857315	40.12	ng		98
61) 4-Chlorophenyl-phenyle...	15.239	204	388657	37.49	ng		94
62) 4-Nitroaniline	15.281	138	198216	38.38	ng	#	73
63) Azobenzene	15.533	77	777183	47.71	ng		89
65) 4,6-Dinitro-2-methylph...	15.363	198	135858	47.07	ng		88
66) n-Nitrosodiphenylamine	15.463	169	692086	43.07	ng		100
67) 4-Bromophenyl-phenylether	16.139	248	253695	38.37	ng		95
68) Hexachlorobenzene	16.263	284	290150	36.94	ng		94
69) Atrazine	16.422	200	197455	31.33	ng		97
70) Pentachlorophenol	16.622	266	219662	66.40	ng		99
71) Phenanthrene	16.986	178	1218270	40.93	ng		100
72) Anthracene	17.080	178	1247305	42.52	ng		100
73) Carbazole	17.357	167	1142361	41.00	ng		99
74) Di-n-butylphthalate	17.922	149	1478815	41.52	ng	#	98
75) Fluoranthene	18.974	202	1439210	38.46	ng		99
77) Benzidine	19.157	184	492997	32.24	ng		100
78) Pyrene	19.327	202	1445823	47.02	ng		99
80) Butylbenzylphthalate	20.210	149	646049	45.92	ng		89
81) Benzo(a)anthracene	21.039	228	1315978	41.29	ng		99
82) 3,3'-Dichlorobenzidine	20.968	252	315043	25.57	ng		99
83) Chrysene	21.086	228	1264637	41.30	ng		100
84) Bis(2-ethylhexyl)phtha...	20.974	149	879534	44.41	ng		99
85) Di-n-octyl phthalate	21.827	149	1534474	42.40	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.468	276	1229172	36.82	ng		99
88) Benzo(b)fluoranthene	22.586	252	1247749	44.87	ng		99
89) Benzo(k)fluoranthene	22.627	252	1226367	46.01	ng		99
90) Benzo(a)pyrene	23.145	252	1087951	41.49	ng		99
91) Dibenzo(a,h)anthracene	25.468	278	1020859	37.06	ng		99
92) Benzo(g,h,i)perylene	26.139	276	1043187	37.94	ng		99

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

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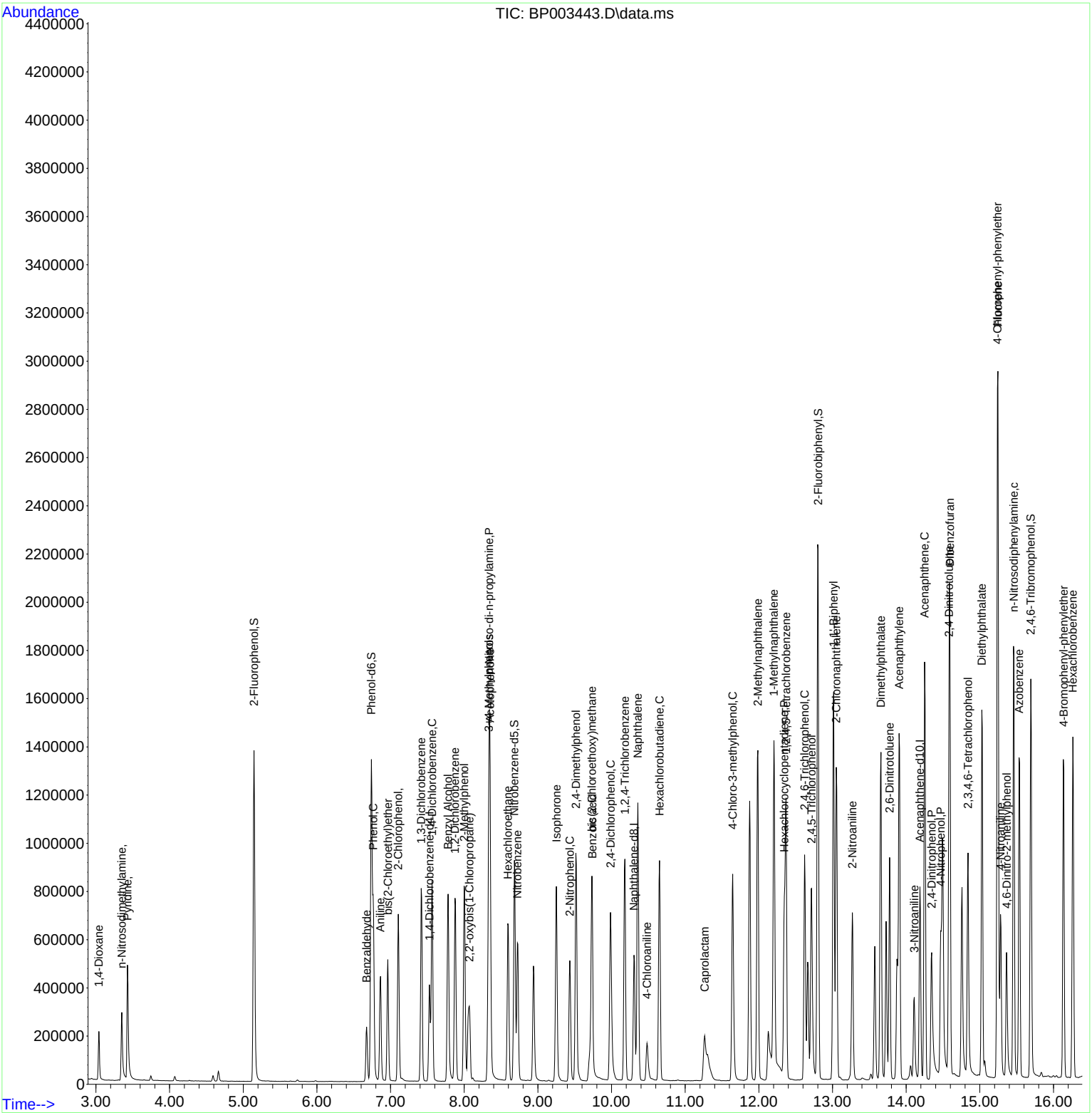

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