Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100120\
Data File : BP003444.D
Acq On : 01 Oct 2020 18:46
Operator : CG/JU
Sample : L4194-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CG-SOILMSD

Manual Integrations APPROVED
mohammad
10/2/2020 12:14:44 PM

Quant Time: Oct 01 19:25:35 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	104828	20.00	ng		0.00
21) Naphthalene-d8	10.305	136	429570	20.00	ng		# 0.00
39) Acenaphthene-d10	14.187	164	267625	20.00	ng		0.00
64) Phenanthrene-d10	16.945	188	571309	20.00	ng		# 0.00
76) Chrysene-d12	21.057	240	541092	20.00	ng		0.00
86) Perylene-d12	23.239	264	522472	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.146	112	650067	108.28	ng		0.00
7) Phenol-d6	6.740	99	843106	105.36	ng		0.00
23) Nitrobenzene-d5	8.681	82	559229	76.48	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	320902	78.62	ng		0.00
45) 2-Fluorobiphenyl	12.799	172	1186625	64.85	ng		0.00
79) Terphenyl-d14	19.528	244	1609558	61.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.040	88	102412	41.51	ng		99
3) Pyridine	3.428	79	276810	42.14	ng		92
4) n-Nitrosodimethylamine	3.352	42	93805	47.74	ng		99
6) Aniline	6.864	93	307002	33.41	ng		93
8) 2-Chlorophenol	7.105	128	316310	47.31	ng		89
9) Benzaldehyde	6.675	77	81941	18.36	ng		85
10) Phenol	6.764	94	416318	54.47	ng		89
11) bis(2-Chloroethyl)ether	6.964	93	293159	48.40	ng		95
12) 1,3-Dichlorobenzene	7.416	146	330491	41.34	ng	#	93
13) 1,4-Dichlorobenzene	7.563	146	333061	41.19	ng	#	95
14) 1,2-Dichlorobenzene	7.875	146	317760	40.94	ng		96
15) Benzyl Alcohol	7.781	79	288819	54.31	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.069	45	217583	49.40	ng		90
17) 2-Methylphenol	7.999	107	276261	49.99	ng		95
18) Hexachloroethane	8.593	117	127501	42.31	ng		94
19) n-Nitroso-di-n-propyla...	8.340	70	211065	49.23	ng	#	93
20) 3+4-Methylphenols	8.328	107	361743	49.18	ng		90
22) Acetophenone	8.352	105	447599	42.43	ng	#	94
24) Nitrobenzene	8.722	77	344732	47.12	ng	#	83
25) Isophorone	9.252	82	642508	47.95	ng	#	92
26) 2-Nitrophenol	9.434	139	174776	43.74	ng	#	79
27) 2,4-Dimethylphenol	9.516	122	301709	53.39	ng		91
28) bis(2-Chloroethoxy)met...	9.734	93	396751	44.48	ng		98
29) 2,4-Dichlorophenol	9.987	162	304999	43.19	ng		95
30) 1,2,4-Trichlorobenzene	10.181	180	308317	36.80	ng		99
31) Naphthalene	10.357	128	933787	41.15	ng		99
32) Benzoic acid	9.740	122	150607	39.29	ng	#	80
33) 4-Chloroaniline	10.481	127	126667	13.14	ng	#	92
34) Hexachlorobutadiene	10.652	225	194990	34.10	ng		99
35) Caprolactam	11.263	113	105119m	44.61	ng		
36) 4-Chloro-3-methylphenol	11.646	107	351287	46.14	ng		87
37) 2-Methylnaphthalene	11.981	142	671847	40.87	ng	#	96
38) 1-Methylnaphthalene	12.204	142	625088m	40.05	ng		
40) 1,2,4,5-Tetrachloroben...	12.369	216	348568	39.78	ng	#	98
41) Hexachlorocyclopentadiene	12.346	237	171985	62.02	ng		100
43) 2,4,6-Trichlorophenol	12.622	196	233512	41.22	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.710	196	250412	42.97	ng	#	93
46) 1,1'-Biphenyl	13.016	154	855123	42.84	ng		98
47) 2-Chloronaphthalene	13.051	162	658661	39.85	ng		96
48) 2-Nitroaniline	13.269	65	198296	47.40	ng	#	73
49) Acenaphthylene	13.904	152	1062427	42.07	ng		99
50) Dimethylphthalate	13.657	163	972540	45.51	ng		99
51) 2,6-Dinitrotoluene	13.775	165	195001	42.57	ng	#	74
52) Acenaphthene	14.251	154	624209	40.61	ng		99
53) 3-Nitroaniline	14.110	138	106988	21.55	ng	#	79
54) 2,4-Dinitrophenol	14.345	184	174363	80.40	ng	#	81
55) Dibenzofuran	14.593	168	977910	39.86	ng		93
56) 4-Nitrophenol	14.469	139	244402	80.56	ng	#	65
57) 2,4-Dinitrotoluene	14.581	165	257862	40.59	ng	#	61
58) Fluorene	15.245	166	777721	40.14	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.840	232	210535	38.42	ng		98
60) Diethylphthalate	15.028	149	881526	40.44	ng		99
61) 4-Chlorophenyl-phenyle...	15.240	204	399885	37.81	ng		95
62) 4-Nitroaniline	15.281	138	203218	38.58	ng	#	71
63) Azobenzene	15.534	77	800500	48.17	ng		89
65) 4,6-Dinitro-2-methylph...	15.363	198	143047	47.45	ng		90
66) n-Nitrosodiphenylamine	15.463	169	712436	42.45	ng		100
67) 4-Bromophenyl-phenylether	16.140	248	262520	38.02	ng		95
68) Hexachlorobenzene	16.263	284	298188	36.35	ng		94
69) Atrazine	16.422	200	204674	31.09	ng		99
70) Pentachlorophenol	16.622	266	228877	66.26	ng		98
71) Phenanthrene	16.987	178	1261459	40.58	ng		99
72) Anthracene	17.081	178	1286313	41.99	ng		100
73) Carbazole	17.357	167	1185536	40.74	ng		99
74) Di-n-butylphthalate	17.922	149	1516140	40.76	ng	#	98
75) Fluoranthene	18.975	202	1504398	38.49	ng		99
77) Benzidine	19.157	184	640662	38.18	ng		99
78) Pyrene	19.328	202	1518176	44.99	ng		100
80) Butylbenzylphthalate	20.210	149	687452	44.53	ng	#	88
81) Benzo(a)anthracene	21.039	228	1444541	41.30	ng		100
82) 3,3'-Dichlorobenzidine	20.969	252	348328	25.77	ng		99
83) Chrysene	21.092	228	1400458	41.67	ng		100
84) Bis(2-ethylhexyl)phtha...	20.975	149	947246	43.58	ng		99
85) Di-n-octyl phthalate	21.827	149	1708807	43.03	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.468	276	1426002	36.01	ng		99
88) Benzo(b)fluoranthene	22.586	252	1520346	46.08	ng		100
89) Benzo(k)fluoranthene	22.627	252	1369190	43.30	ng		100
90) Benzo(a)pyrene	23.145	252	1289034	41.43	ng		100
91) Dibenzo(a,h)anthracene	25.468	278	1197699	36.65	ng		99
92) Benzo(g,h,i)perylene	26.145	276	1189219	36.45	ng		97

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

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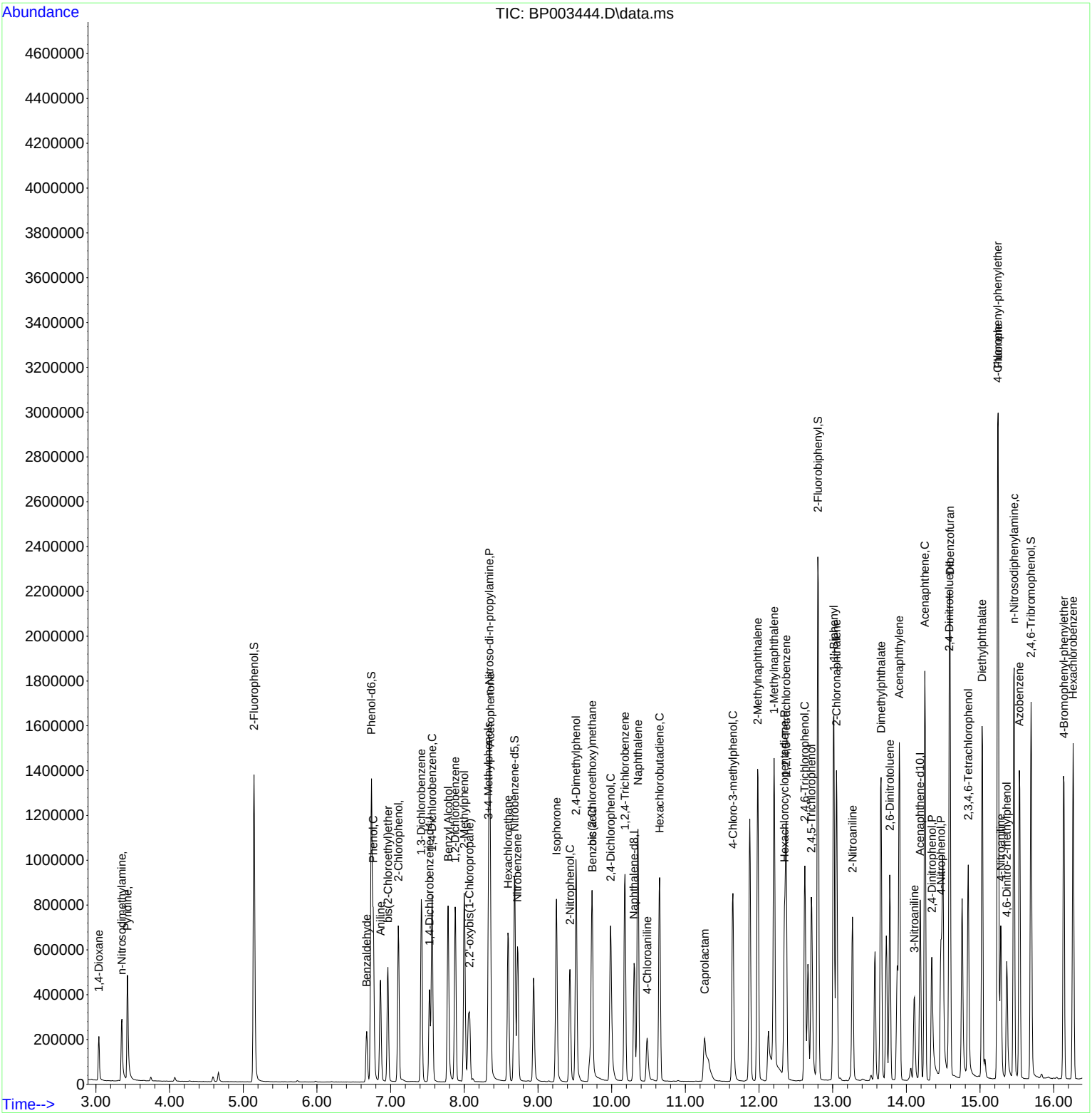

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