

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004022.D
 Acq On : 20 Nov 2020 13:33
 Operator : CG/JU
 Sample : L4776-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ND-SOILMSD

Quant Time: Nov 20 14:03:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 12:19:10 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	124247	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	453652	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	294619	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	595678	20.00	ng	0.00
76) Chrysene-d12	21.657	240	564420	20.00	ng	0.00
86) Perylene-d12	24.127	264	590548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	991160	133.14	ng	0.00
7) Phenol-d6	7.452	99	1184058	110.80	ng	0.00
23) Nitrobenzene-d5	9.434	82	893455	96.46	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	554983	150.61	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	1863937	88.45	ng	0.00
79) Terphenyl-d14	20.122	244	2873658	98.36	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.505	88	123661	38.50	ng	# 1
3) Pyridine	3.940	79	189319	20.10	ng	# 61
4) n-Nitrosodimethylamine	3.828	42	203717	46.97	ng	# 52
6) Aniline	7.575	93	234994	19.37	ng	# 86
8) 2-Chlorophenol	7.840	128	416598	52.71	ng	# 81
9) Benzaldehyde	7.375	77	58238	8.95	ng	# 79
10) Phenol	7.475	94	459137	44.52	ng	81
11) bis(2-Chloroethyl)ether	7.657	93	415785	50.17	ng	# 81
12) 1,3-Dichlorobenzene	8.163	146	467109	48.22	ng	# 94
13) 1,4-Dichlorobenzene	8.305	146	471496	48.28	ng	96
14) 1,2-Dichlorobenzene	8.634	146	452189	48.48	ng	97
15) Benzyl Alcohol	8.510	79	399400	53.96	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.799	45	632732	45.33	ng	83
17) 2-Methylphenol	8.740	107	347536	51.33	ng	# 94
18) Hexachloroethane	9.381	117	171054	49.29	ng	99
19) n-Nitroso-di-n-propyla...	9.075	70	330528	51.75	ng	# 76
20) 3+4-Methylphenols	9.069	107	460327	50.93	ng	# 86
22) Acetophenone	9.087	105	640746	52.62	ng	# 84
24) Nitrobenzene	9.475	77	492374	53.49	ng	# 81
25) Isophorone	9.999	82	900265	57.22	ng	# 89
26) 2-Nitrophenol	10.199	139	230905	64.24	ng	# 72
27) 2,4-Dimethylphenol	10.275	122	383338	63.94	ng	91
28) bis(2-Chloroethoxy)met...	10.469	93	538493	49.88	ng	98
29) 2,4-Dichlorophenol	10.763	162	407643	56.42	ng	96
30) 1,2,4-Trichlorobenzene	10.969	180	426818	48.49	ng	99
31) Naphthalene	11.151	128	1230456	50.54	ng	100
32) Benzoic acid	10.457	122	149296	37.64	ng	# 80
33) 4-Chloroaniline	11.246	127	81371	7.87	ng	# 89
34) Hexachlorobutadiene	11.457	225	270328	47.09	ng	99
35) Caprolactam	11.987	113	96085	43.01	ng	# 17
36) 4-Chloro-3-methylphenol	12.387	107	432876	55.50	ng	90
37) 2-Methylnaphthalene	12.734	142	904418	51.92	ng	96
38) 1-Methylnaphthalene	12.951	142	846331	50.93	ng	98
40) 1,2,4,5-Tetrachloroben...	13.116	216	484129	49.65	ng	99
41) Hexachlorocyclopentadiene	13.104	237	424494	86.29	ng	99
43) 2,4,6-Trichlorophenol	13.351	196	324467	53.83	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	345255	54.40	ng	96
46) 1,1'-Biphenyl	13.722	154	1109350	48.51	ng	98
47) 2-Chloronaphthalene	13.775	162	873897	46.57	ng	100
48) 2-Nitroaniline	13.957	65	299487	53.49	ng #	61
49) Acenaphthylene	14.616	152	1352527	49.08	ng	100
50) Dimethylphthalate	14.322	163	1234988	53.63	ng	99
51) 2,6-Dinitrotoluene	14.440	165	253638	53.68	ng #	78
52) Acenaphthene	14.957	154	979887	53.38	ng	97
53) 3-Nitroaniline	14.769	138	97905	18.72	ng #	71
54) 2,4-Dinitrophenol	14.987	184	196585	75.90	ng #	83
55) Dibenzofuran	15.287	168	1380795	50.63	ng	100
56) 4-Nitrophenol	15.122	139	348923	92.56	ng #	66
57) 2,4-Dinitrotoluene	15.234	165	361142	56.92	ng #	78
58) Fluorene	15.934	166	1108660	50.77	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	305208	53.35	ng	94
60) Diethylphthalate	15.675	149	1169026	51.84	ng	99
61) 4-Chlorophenyl-phenyle...	15.910	204	590288	49.46	ng	97
62) 4-Nitroaniline	15.934	138	241212	44.24	ng	85
63) Azobenzene	16.198	77	1078299	50.65	ng	84
65) 4,6-Dinitro-2-methylph...	16.010	198	170035	52.35	ng	82
66) n-Nitrosodiphenylamine	16.122	169	989602	54.27	ng	99
67) 4-Bromophenyl-phenylether	16.798	248	361434	51.86	ng	97
68) Hexachlorobenzene	16.963	284	403132	50.69	ng	97
69) Atrazine	17.051	200	307107	51.30	ng	99
70) Pentachlorophenol	17.298	266	361817	95.11	ng	98
71) Phenanthrene	17.663	178	1682492	50.33	ng	99
72) Anthracene	17.757	178	1724854	53.42	ng	98
73) Carbazole	18.010	167	1563363	52.19	ng	98
74) Di-n-butylphthalate	18.522	149	1931501	55.70	ng	99
75) Fluoranthene	19.598	202	1985538	51.47	ng	99
77) Benzidine	19.745	184	252065	18.93	ng	100
78) Pyrene	19.951	202	2032429	53.06	ng	98
80) Butylbenzylphthalate	20.763	149	869498	60.92	ng #	84
81) Benzo(a)anthracene	21.639	228	1904915	51.18	ng	98
82) 3,3'-Dichlorobenzidine	21.551	252	283071	22.05	ng	98
83) Chrysene	21.698	228	1809012	50.58	ng	98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1157817	55.04	ng	100
85) Di-n-octyl phthalate	22.445	149	2128865	60.74	ng #	87
87) Indeno(1,2,3-cd)pyrene	26.686	276	2130327	50.01	ng	97
88) Benzo(b)fluoranthene	23.380	252	1913917	49.52	ng	99
89) Benzo(k)fluoranthene	23.427	252	1934231	50.69	ng	98
90) Benzo(a)pyrene	24.021	252	1709260	47.78	ng	99
91) Dibenzo(a,h)anthracene	26.680	278	1816942	51.17	ng	97
92) Benzo(g,h,i)perylene	27.480	276	1805907	52.54	ng	97

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

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