

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011322\
 Data File : BP008793.D
 Acq On : 13 Jan 2022 16:50
 Operator : CG/JU
 Sample : N1118-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MR-SOILPILEMSD

Quant Time: Jan 13 23:26:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	331570	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1209840	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	728958	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1402461	20.000	ng	0.00
76) Chrysene-d12	21.345	240	1155591	20.000	ng	0.00
86) Perylene-d12	23.768	264	1167830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2417418	114.172	ng	0.00
7) Phenol-d6	7.040	99	2896163	101.891	ng	0.00
23) Nitrobenzene-d5	9.022	82	1775111	83.093	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1229164	99.946	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	4252604	82.017	ng	0.00
79) Terphenyl-d14	19.816	244	5329857	93.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.358	88	323347	40.491	ng	98
3) Pyridine	3.752	79	804798	42.843	ng	97
4) n-Nitrosodimethylamine	3.658	42	365602	43.679	ng	87
6) Aniline	7.187	93	766567	21.468	ng	98
8) 2-Chlorophenol	7.428	128	980906	40.991	ng	98
9) Benzaldehyde	6.999	77	533869	27.752	ng	98
10) Phenol	7.069	94	1190918	40.944	ng	97
11) bis(2-Chloroethyl)ether	7.287	93	878521	38.967	ng	99
12) 1,3-Dichlorobenzene	7.752	146	1114897	41.240	ng	98
13) 1,4-Dichlorobenzene	7.899	146	1131522	40.958	ng	99
14) 1,2-Dichlorobenzene	8.216	146	1079793	40.306	ng	99
15) Benzyl Alcohol	8.104	79	776414	36.769	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.399	45	965025	37.555	ng	100
17) 2-Methylphenol	8.316	107	754384	37.621	ng	98
18) Hexachloroethane	8.946	117	388471	41.804	ng	97
19) n-Nitroso-di-n-propyla...	8.675	70	627623	34.009	ng	96
20) 3+4-Methylphenols	8.646	107	1002044	36.015	ng	98
22) Acetophenone	8.687	105	1354697	42.437	ng	# 97
24) Nitrobenzene	9.063	77	949743	43.917	ng	97
25) Isophorone	9.599	82	1673723	39.837	ng	99
26) 2-Nitrophenol	9.775	139	508696	45.106	ng	94
27) 2,4-Dimethylphenol	9.846	122	816956	40.440	ng	99
28) bis(2-Chloroethoxy)met...	10.075	93	1078228	41.159	ng	99
29) 2,4-Dichlorophenol	10.322	162	924842	42.707	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	1050925	44.545	ng	99
31) Naphthalene	10.716	128	2846994	43.523	ng	100
32) Benzoic acid	10.016	122	555250	41.111	ng	98
33) 4-Chloroaniline	10.828	127	276175	9.407	ng	99
34) Hexachlorobutadiene	11.004	225	655679	45.968	ng	99
35) Caprolactam	11.628	113	254859	33.118	ng	96
36) 4-Chloro-3-methylphenol	11.963	107	832882	37.972	ng	100
37) 2-Methylnaphthalene	12.328	142	2063307	40.091	ng	99
38) 1-Methylnaphthalene	12.545	142	1898212	39.712	ng	100
40) 1,2,4,5-Tetrachloroben...	12.698	216	1181562	48.762	ng	99
41) Hexachlorocyclopentadiene	12.681	237	1261136	87.544	ng	99
43) 2,4,6-Trichlorophenol	12.940	196	737524	45.714	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	785711	44.305	ng	98
46) 1,1'-Biphenyl	13.334	154	2614349	46.008	ng	100
47) 2-Chloronaphthalene	13.375	162	2007906	46.038	ng	99
48) 2-Nitroaniline	13.581	65	477061	44.812	ng	96
49) Acenaphthylene	14.222	152	3063513	44.214	ng	100
50) Dimethylphthalate	13.963	163	2376153	41.018	ng	100
51) 2,6-Dinitrotoluene	14.075	165	520252	41.528	ng	92
52) Acenaphthene	14.569	154	1823464	43.939	ng	98
53) 3-Nitroaniline	14.404	138	266274	20.826	ng	96
54) 2,4-Dinitrophenol	14.622	184	504658	78.990	ng	95
55) Dibenzofuran	14.904	168	2944432	43.022	ng	99
56) 4-Nitrophenol	14.728	139	805313	75.640	ng	92
57) 2,4-Dinitrotoluene	14.869	165	701501	41.024	ng	93
58) Fluorene	15.551	166	2362503	42.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	652306	40.932	ng	# 87
60) Diethylphthalate	15.328	149	2291304	40.791	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1274398	43.115	ng	99
62) 4-Nitroaniline	15.569	138	493257	37.156	ng	91
63) Azobenzene	15.839	77	1953987	44.378	ng	95
65) 4,6-Dinitro-2-methylph...	15.639	198	335693	43.141	ng	95
66) n-Nitrosodiphenylamine	15.763	169	2018500	47.492	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	779057	46.949	ng	100
68) Hexachlorobenzene	16.563	284	868182	44.968	ng	96
69) Atrazine	16.722	200	733692	42.528	ng	98
70) Pentachlorophenol	16.910	266	967880	80.306	ng	99
71) Phenanthrene	17.298	178	3580339	45.948	ng	99
72) Anthracene	17.392	178	3585669	45.059	ng	100
73) Carbazole	17.663	167	3092922	42.409	ng	99
74) Di-n-butylphthalate	18.216	149	3764812	45.087	ng	99
75) Fluoranthene	19.269	202	3929082	42.109	ng	97
77) Benzidine	19.445	184	1046174	21.158	ng	98
78) Pyrene	19.622	202	4007434	53.036	ng	98
80) Butylbenzylphthalate	20.492	149	1508072	48.813	ng	98
81) Benzo(a)anthracene	21.333	228	3492586	46.069	ng	98
82) 3,3'-Dichlorobenzidine	21.263	252	1021886	29.671	ng	99
83) Chrysene	21.386	228	3383369	46.263	ng	98
84) Bis(2-ethylhexyl)phtha...	21.257	149	2249010	49.859	ng	97
85) Di-n-octyl phthalate	22.186	149	3658332	45.694	ng	99
87) Indeno(1,2,3-cd)pyrene	26.304	276	4401671	47.169	ng	99
88) Benzo(b)fluoranthene	23.033	252	3590851	47.059	ng	99
89) Benzo(k)fluoranthene	23.080	252	3315015	46.421	ng	98
90) Benzo(a)pyrene	23.663	252	3413844	46.289	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	3705252	46.992	ng	99
92) Benzo(g,h,i)perylene	27.086	276	3725590	47.601	ng	99

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

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