

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137989.D
 Acq On : 21 May 2024 20:46
 Operator : CG\JU
 Sample : P2538-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLE-SLEEVE-SOILMS

Quant Time: May 22 01:31:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 05/22/2024

Supervised By :mohammad
 ahmed
 05/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	167083	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	665481	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	372214	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	584622	20.000	ng	0.00
76) Chrysene-d12	14.233	240	333428	20.000	ng	0.00
86) Perylene-d12	15.792	264	314374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	870076	88.456	ng	0.00
7) Phenol-d6	6.657	99	1101641	90.919	ng	0.00
23) Nitrobenzene-d5	7.598	82	666285	58.922	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	357494	95.255	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1377112	56.991	ng	0.00
79) Terphenyl-d14	13.163	244	1131673	50.022	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.975	88	142326	33.401	ng	99
3) Pyridine	3.740	79	212041	22.177	ng	99
4) n-Nitrosodimethylamine	3.704	42	169694	40.232	ng	# 98
6) Aniline	6.698	93	306936m	28.321	ng	
8) 2-Chlorophenol	6.816	128	456577	42.892	ng	98
9) Benzaldehyde	6.587	77	89317	13.625	ng	97
10) Phenol	6.669	94	514287m	42.051	ng	
11) bis(2-Chloroethyl)ether	6.763	93	393706	41.926	ng	98
12) 1,3-Dichlorobenzene	6.975	146	473133	38.416	ng	98
13) 1,4-Dichlorobenzene	7.051	146	478342	38.693	ng	98
14) 1,2-Dichlorobenzene	7.204	146	465991	40.051	ng	99
15) Benzyl Alcohol	7.169	79	378300	46.756	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	496928	43.050	ng	98
17) 2-Methylphenol	7.275	107	362119	42.657	ng	99
18) Hexachloroethane	7.545	117	165353	39.527	ng	95
19) n-Nitroso-di-n-propyla...	7.439	70	293373	43.096	ng	99
20) 3+4-Methylphenols	7.428	107	469921	42.254	ng	96
22) Acetophenone	7.445	105	604755	40.566	ng	99
24) Nitrobenzene	7.616	77	443499	38.661	ng	97
25) Isophorone	7.851	82	830631	42.324	ng	99
26) 2-Nitrophenol	7.934	139	246033	42.684	ng	97
27) 2,4-Dimethylphenol	7.957	122	342405	46.139	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	502680	42.261	ng	99
29) 2,4-Dichlorophenol	8.169	162	396008	42.435	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	413212	39.658	ng	99
31) Naphthalene	8.339	128	1345163	40.201	ng	99
32) Benzoic acid	8.081	122	280529	44.718	ng	96
33) 4-Chloroaniline	8.386	127	367345	33.489	ng	98
34) Hexachlorobutadiene	8.451	225	253946	38.505	ng	100
35) Caprolactam	8.763	113	126082m	46.634	ng	
36) 4-Chloro-3-methylphenol	8.863	107	412857	43.490	ng	98
37) 2-Methylnaphthalene	9.033	142	895495	41.635	ng	99
38) 1-Methylnaphthalene	9.133	142	833062	39.398	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	422981	41.800	ng	100
41) Hexachlorocyclopentadiene	9.186	237	353715	91.994	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	295286	44.506	ng	99

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44) 2,4,5-Trichlorophenol	9.351	196	313541	43.190	ng	96
46) 1,1'-Biphenyl	9.498	154	1102817	42.243	ng	99
47) 2-Chloronaphthalene	9.528	162	841958	40.401	ng	98
48) 2-Nitroaniline	9.622	65	234897	44.016	ng	96
49) Acenaphthylene	9.945	152	1352445	45.134	ng	98
50) Dimethylphthalate	9.798	163	1032716	44.245	ng	99
51) 2,6-Dinitrotoluene	9.863	165	229524	42.845	ng	97
52) Acenaphthene	10.122	154	927897	46.851	ng	100
53) 3-Nitroaniline	10.033	138	222208	42.430	ng	98
54) 2,4-Dinitrophenol	10.139	184	195128	68.518	ng	# 83
55) Dibenzofuran	10.292	168	1238265	42.960	ng	100
56) 4-Nitrophenol	10.186	139	338864	90.089	ng	95
57) 2,4-Dinitrotoluene	10.269	165	304367	43.949	ng	93
58) Fluorene	10.639	166	1010070	44.305	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	249739m	43.790	ng	
60) Diethylphthalate	10.498	149	985479	45.208	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	476606	42.391	ng	98
62) 4-Nitroaniline	10.657	138	211272	42.533	ng	98
63) Azobenzene	10.786	77	859340	43.340	ng	97
65) 4,6-Dinitro-2-methylph...	10.675	198	140219	41.538	ng	85
66) n-Nitrosodiphenylamine	10.745	169	823833	45.951	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	296244	46.222	ng	99
68) Hexachlorobenzene	11.186	284	298905	42.191	ng	99
69) Atrazine	11.269	200	274814	56.134	ng	100
70) Pentachlorophenol	11.380	266	351317	84.657	ng	99
71) Phenanthrene	11.610	178	1892008	65.673	ng	99
72) Anthracene	11.657	178	1441805	50.440	ng	99
73) Carbazole	11.810	167	1084395	41.529	ng	99
74) Di-n-butylphthalate	12.127	149	1605838	55.415	ng	99
75) Fluoranthene	12.804	202	1903639	65.099	ng	99
77) Benzidine	12.916	184	164381	37.723	ng	98
78) Pyrene	13.033	202	1807683	61.986	ng	100
80) Butylbenzylphthalate	13.645	149	2052262	233.308	ng	99
81) Benzo(a)anthracene	14.221	228	1273932	60.391	ng	98
82) 3,3'-Dichlorobenzidine	14.180	252	284917	48.737	ng	98
83) Chrysene	14.263	228	1160674	57.532	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	641245	57.992	ng	99
85) Di-n-octyl phthalate	14.815	149	1013052	67.816	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	674204	33.380	ng	98
88) Benzo(b)fluoranthene	15.327	252	1150334	63.197	ng	100
89) Benzo(k)fluoranthene	15.357	252	984723	55.067	ng	98
90) Benzo(a)pyrene	15.727	252	954617	61.417	ng	97
91) Dibenzo(a,h)anthracene	17.439	278	499505	29.933	ng	99
92) Benzo(g,h,i)perylene	17.915	276	503400	28.716	ng	100

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

