

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139940.D
 Acq On : 22 Oct 2024 20:51
 Operator : RC/JU
 Sample : P4403-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Hawthorne TP SoilMS

Quant Time: Oct 23 01:13:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	144166	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	550141	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	283510	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	418504	20.000	ng	0.00
76) Chrysene-d12	14.051	240	292588	20.000	ng	0.00
86) Perylene-d12	15.533	264	350468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1058750	114.969	ng	0.01
7) Phenol-d6	6.510	99	1347645	112.990	ng	0.00
23) Nitrobenzene-d5	7.451	82	866274	87.272	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	287926	108.575	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1497523	87.297	ng	0.00
79) Terphenyl-d14	12.998	244	1196387	66.629	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	191830	44.677	ng	95
3) Pyridine	3.505	79	486787	45.739	ng	97
4) n-Nitrosodimethylamine	3.452	42	267251	46.738	ng	97
6) Aniline	6.551	93	255571	22.992	ng	98
8) 2-Chlorophenol	6.675	128	486702	51.698	ng	97
9) Benzaldehyde	6.440	77	124503	18.556	ng	96
10) Phenol	6.528	94	604342m	49.148	ng	
11) bis(2-Chloroethyl)ether	6.628	93	474935	49.971	ng	98
12) 1,3-Dichlorobenzene	6.834	146	524224	48.508	ng	99
13) 1,4-Dichlorobenzene	6.910	146	532516	49.321	ng	98
14) 1,2-Dichlorobenzene	7.063	146	508290	50.442	ng	98
15) Benzyl Alcohol	7.028	79	443640	50.707	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	792559	48.906	ng	98
17) 2-Methylphenol	7.134	107	399977	49.825	ng	100
18) Hexachloroethane	7.404	117	188807	49.039	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	345486	47.760	ng	97
20) 3+4-Methylphenols	7.287	107	491181	47.836	ng	95
22) Acetophenone	7.298	105	652978	48.459	ng	98
24) Nitrobenzene	7.469	77	528017	48.518	ng	99
25) Isophorone	7.710	82	933007	49.523	ng	99
26) 2-Nitrophenol	7.787	139	240721	58.632	ng	96
27) 2,4-Dimethylphenol	7.816	122	381827	55.774	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	572325	50.141	ng	99
29) 2,4-Dichlorophenol	8.022	162	390116	50.030	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	418101	48.457	ng	99
31) Naphthalene	8.192	128	1391038	49.027	ng	100
32) Benzoic acid	7.875	122	76129	12.750	ng	94
33) 4-Chloroaniline	8.240	127	103737	10.722	ng	97
34) Hexachlorobutadiene	8.310	225	267930	49.422	ng	100
35) Caprolactam	8.604	113	102130	41.191	ng	91
36) 4-Chloro-3-methylphenol	8.716	107	411690	47.681	ng	97
37) 2-Methylnaphthalene	8.887	142	855906	49.256	ng	100
38) 1-Methylnaphthalene	8.987	142	800945	46.980	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	403605	52.768	ng	99
41) Hexachlorocyclopentadiene	9.039	237	427715	160.713	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	276055	50.978	ng	100

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44) 2,4,5-Trichlorophenol	9.198	196	269358	48.212	ng	99
46) 1,1'-Biphenyl	9.351	154	1012675	51.310	ng	99
47) 2-Chloronaphthalene	9.375	162	799475	50.294	ng	100
48) 2-Nitroaniline	9.463	65	263391	54.177	ng	97
49) Acenaphthylene	9.792	152	1224760	53.295	ng	99
50) Dimethylphthalate	9.645	163	908569	51.450	ng	99
51) 2,6-Dinitrotoluene	9.710	165	197265	51.592	ng	94
52) Acenaphthene	9.963	154	733824	49.362	ng	99
53) 3-Nitroaniline	9.875	138	107586	27.285	ng	96
54) 2,4-Dinitrophenol	9.975	184	33614	25.961	ng	# 1
55) Dibenzofuran	10.134	168	1067705	50.058	ng	98
56) 4-Nitrophenol	10.028	139	262237	86.444	ng	97
57) 2,4-Dinitrotoluene	10.110	165	244773	52.057	ng	98
58) Fluorene	10.475	166	774417	47.669	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	189721	43.317	ng	98
60) Diethylphthalate	10.345	149	842044	48.564	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	403253	49.152	ng	99
62) 4-Nitroaniline	10.486	138	163842	43.996	ng	95
63) Azobenzene	10.628	77	914814	49.767	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	42838	25.095	ng	93
66) n-Nitrosodiphenylamine	10.586	169	710550	56.727	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	247378	57.378	ng	97
68) Hexachlorobenzene	11.022	284	265874	54.832	ng	98
69) Atrazine	11.110	200	213724	62.989	ng	99
70) Pentachlorophenol	11.216	266	196553	66.791	ng	99
71) Phenanthrene	11.439	178	1037397	52.478	ng	100
72) Anthracene	11.492	178	1030529	53.429	ng	100
73) Carbazole	11.639	167	857495	47.803	ng	99
74) Di-n-butylphthalate	11.975	149	1101914	53.170	ng	99
75) Fluoranthene	12.627	202	982708	49.174	ng	100
77) Benzidine	12.745	184	199080	41.379	ng	98
78) Pyrene	12.857	202	991076	38.697	ng	100
80) Butylbenzylphthalate	13.474	149	425522	55.419	ng	98
81) Benzo(a)anthracene	14.045	228	999850	52.495	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	128467	23.133	ng	98
83) Chrysene	14.080	228	919825	52.672	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	590904	68.593	ng	99
85) Di-n-octyl phthalate	14.645	149	1133729	72.355	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	930308	41.262	ng	98
88) Benzo(b)fluoranthene	15.098	252	1181879	55.360	ng	99
89) Benzo(k)fluoranthene	15.127	252	919343	49.932	ng	100
90) Benzo(a)pyrene	15.468	252	1002123	57.047	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	774735	41.190	ng	99
92) Benzo(g,h,i)perylene	17.480	276	646110	34.390	ng	99

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

