

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138509.D
 Acq On : 10 Jul 2024 19:17
 Operator : CG\JU
 Sample : P3170-03MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMS-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 11 00:51:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	91012	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	357660	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	187239	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	273414	20.000	ng	0.00
76) Chrysene-d12	14.021	240	152250	20.000	ng	0.00
86) Perylene-d12	15.486	264	184054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	644306	112.120	ng	0.01
7) Phenol-d6	6.510	99	872070	114.076	ng	0.00
23) Nitrobenzene-d5	7.433	82	573826	78.772	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	195292	111.600	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	950526	79.341	ng	0.00
79) Terphenyl-d14	12.968	244	692185	74.066	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	120061	47.173	ng	100
3) Pyridine	3.481	79	315093	50.202	ng	98
4) n-Nitrosodimethylamine	3.451	42	236472	57.876	ng	98
6) Aniline	6.533	93	309796	43.266	ng	97
8) 2-Chlorophenol	6.657	128	346073	56.953	ng	98
9) Benzaldehyde	6.416	77	43336	10.591	ng	97
10) Phenol	6.522	94	445055	54.848	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	339992	55.651	ng	98
12) 1,3-Dichlorobenzene	6.810	146	361496	52.926	ng	99
13) 1,4-Dichlorobenzene	6.886	146	364431	52.542	ng	98
14) 1,2-Dichlorobenzene	7.033	146	354562	54.886	ng	99
15) Benzyl Alcohol	7.010	79	330291	57.571	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	662977	55.183	ng	98
17) 2-Methylphenol	7.128	107	277709	55.765	ng	94
18) Hexachloroethane	7.375	117	138853	54.456	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	263910	55.870	ng	97
20) 3+4-Methylphenols	7.275	107	339758	54.178	ng	# 86
22) Acetophenone	7.275	105	442048	50.889	ng	# 94
24) Nitrobenzene	7.451	77	399108	53.913	ng	97
25) Isophorone	7.686	82	714174	57.088	ng	99
26) 2-Nitrophenol	7.763	139	184033	58.002	ng	91
27) 2,4-Dimethylphenol	7.804	122	239861	61.509	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	421230	56.341	ng	98
29) 2,4-Dichlorophenol	8.010	162	285933	56.464	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	317564	53.831	ng	99
31) Naphthalene	8.169	128	1007967	54.188	ng	100
32) Benzoic acid	7.939	122	177463	47.714	ng	96
33) 4-Chloroaniline	8.216	127	161144	24.690	ng	98
34) Hexachlorobutadiene	8.280	225	194098	53.431	ng	99
35) Caprolactam	8.592	113	80755m	49.419	ng	
36) 4-Chloro-3-methylphenol	8.704	107	308161	54.356	ng	100
37) 2-Methylnaphthalene	8.863	142	646651	54.021	ng	100
38) 1-Methylnaphthalene	8.963	142	597724	51.164	ng	97
40) 1,2,4,5-Tetrachloroben...	9.027	216	281751	53.991	ng	98
41) Hexachlorocyclopentadiene	9.010	237	281540	166.216	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	191376	57.492	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	199599	54.517	ng	95
46) 1,1'-Biphenyl	9.327	154	752183	53.009	ng	100
47) 2-Chloronaphthalene	9.351	162	603160	56.266	ng	99
48) 2-Nitroaniline	9.451	65	211657	56.978	ng	98
49) Acenaphthylene	9.769	152	913986	60.053	ng	99
50) Dimethylphthalate	9.627	163	694873	57.393	ng	100
51) 2,6-Dinitrotoluene	9.692	165	152066	54.550	ng	98
52) Acenaphthene	9.939	154	562812	55.631	ng	99
53) 3-Nitroaniline	9.857	138	92919	32.521	ng	94
54) 2,4-Dinitrophenol	9.969	184	130345	86.707	ng	90
55) Dibenzofuran	10.110	168	809196	55.145	ng	98
56) 4-Nitrophenol	10.027	139	200107	94.919	ng	96
57) 2,4-Dinitrotoluene	10.092	165	194370	53.889	ng	99
58) Fluorene	10.451	166	606546	52.240	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	159900	55.339	ng	99
60) Diethylphthalate	10.327	149	645666	55.318	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	309615	53.104	ng	100
62) 4-Nitroaniline	10.474	138	135474	47.317	ng	99
63) Azobenzene	10.604	77	681389	54.299	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	99276	62.884	ng	# 74
66) n-Nitrosodiphenylamine	10.563	169	523222	63.872	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	175508	62.454	ng	96
68) Hexachlorobenzene	10.998	284	185682	59.477	ng	94
69) Atrazine	11.092	200	155453	57.238	ng	98
70) Pentachlorophenol	11.192	266	190000	102.852	ng	96
71) Phenanthrene	11.416	178	785771	56.886	ng	99
72) Anthracene	11.468	178	803292	58.584	ng	100
73) Carbazole	11.621	167	640624	51.989	ng	99
74) Di-n-butylphthalate	11.945	149	873057	61.467	ng	99
75) Fluoranthene	12.598	202	676864	48.022	ng	98
77) Benzidine	12.721	184	207685	54.067	ng	99
78) Pyrene	12.827	202	671434	43.443	ng	99
80) Butylbenzylphthalate	13.439	149	286414	61.604	ng	95
81) Benzo(a)anthracene	14.009	228	572895	56.078	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	119204	45.283	ng	99
83) Chrysene	14.051	228	555296	57.458	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	407501	82.182	ng	100
85) Di-n-octyl phthalate	14.609	149	704104	89.887	ng	100
87) Indeno(1,2,3-cd)pyrene	16.956	276	528659	42.762	ng	100
88) Benzo(b)fluoranthene	15.062	252	590513	56.970	ng	99
89) Benzo(k)fluoranthene	15.092	252	570981	56.481	ng	100
90) Benzo(a)pyrene	15.427	252	552913	60.723	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	434140	42.929	ng	99
92) Benzo(g,h,i)perylene	17.403	276	379389	35.378	ng	97

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

