

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131573.D
 Acq On : 09 Dec 2022 18:41
 Operator : CG\JU
 Sample : N5947-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208MS

Quant Time: Dec 10 04:02:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/10/2022
 Supervised By : Jagrut Upadhyay 12/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	62444	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	225936	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	132167	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	247172	20.000	ng	0.00
76) Chrysene-d12	14.110	240	155992	20.000	ng	# 0.00
86) Perylene-d12	15.621	264	132779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	409516	109.408	ng	0.02
7) Phenol-d6	6.540	99	535807	109.238	ng	0.00
23) Nitrobenzene-d5	7.481	82	375073	62.762	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	171572	116.842	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	675283	64.422	ng	0.00
79) Terphenyl-d14	13.051	244	750236	65.957	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	72862	43.126	ng	98
3) Pyridine	3.528	79	200596	42.765	ng	99
4) n-Nitrosodimethylamine	3.504	42	121329	46.901	ng	98
6) Aniline	6.575	93	221581	37.773	ng	99
8) 2-Chlorophenol	6.692	128	190387	47.997	ng	98
9) Benzaldehyde	6.457	77	105434	31.378	ng	92
10) Phenol	6.551	94	264410m	48.328	ng	
11) bis(2-Chloroethyl)ether	6.645	93	198635	48.434	ng	99
12) 1,3-Dichlorobenzene	6.851	146	217599	47.316	ng	99
13) 1,4-Dichlorobenzene	6.928	146	218501	47.103	ng	99
14) 1,2-Dichlorobenzene	7.081	146	208222	46.990	ng	97
15) Benzyl Alcohol	7.057	79	217086	48.276	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	253337	47.820	ng	99
17) 2-Methylphenol	7.163	107	175514	49.097	ng	99
18) Hexachloroethane	7.422	117	90195	48.200	ng	91
19) n-Nitroso-di-n-propyla...	7.328	70	178506	48.534	ng	99
20) 3+4-Methylphenols	7.316	107	236076	48.484	ng	93
22) Acetophenone	7.328	105	337203	47.626	ng	# 94
24) Nitrobenzene	7.498	77	272126	45.148	ng	98
25) Isophorone	7.739	82	481950	50.068	ng	100
26) 2-Nitrophenol	7.816	139	104095	50.644	ng	98
27) 2,4-Dimethylphenol	7.851	122	178997m	56.816	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	259038	52.020	ng	99
29) 2,4-Dichlorophenol	8.057	162	183600	47.132	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	215683	45.149	ng	99
31) Naphthalene	8.222	128	572094	44.957	ng	99
32) Benzoic acid	7.981	122	97933	42.922	ng	97
33) 4-Chloroaniline	8.269	127	84056	17.622	ng	96
34) Hexachlorobutadiene	8.334	225	148359	44.065	ng	97
35) Caprolactam	8.651	113	52226m	51.828	ng	
36) 4-Chloro-3-methylphenol	8.757	107	211839	48.428	ng	99
37) 2-Methylnaphthalene	8.916	142	397676	45.695	ng	98
38) 1-Methylnaphthalene	9.016	142	374279	44.801	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	241795	49.421	ng	98
41) Hexachlorocyclopentadiene	9.069	237	318787	128.371	ng	98
43) 2,4,6-Trichlorophenol	9.192	196	146004	48.247	ng	100

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44) 2,4,5-Trichlorophenol	9.233	196	155739	47.854	ng	94
46) 1,1'-Biphenyl	9.386	154	516263	49.404	ng	98
47) 2-Chloronaphthalene	9.410	162	410477	48.212	ng	98
48) 2-Nitroaniline	9.510	65	142789	47.344	ng	92
49) Acenaphthylene	9.828	152	611262	48.897	ng	99
50) Dimethylphthalate	9.692	163	491350	48.768	ng	100
51) 2,6-Dinitrotoluene	9.751	165	105049	50.504	ng	93
52) Acenaphthene	9.998	154	428739m	51.195	ng	
53) 3-Nitroaniline	9.922	138	56728	28.425	ng	99
54) 2,4-Dinitrophenol	10.028	184	78210	66.417	ng	94
55) Dibenzofuran	10.175	168	561458	47.449	ng	99
56) 4-Nitrophenol	10.086	139	148318	106.982	ng	91
57) 2,4-Dinitrotoluene	10.157	165	140896	51.064	ng	# 93
58) Fluorene	10.516	166	466905	48.537	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	130607m	47.392	ng	
60) Diethylphthalate	10.392	149	479476	49.591	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	260994	49.096	ng	95
62) 4-Nitroaniline	10.545	138	91172	46.102	ng	97
63) Azobenzene	10.669	77	519690	47.126	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	63478	40.548	ng	98
66) n-Nitrosodiphenylamine	10.627	169	386708	48.394	ng	98
67) 4-Bromophenyl-phenylether	10.998	248	153705	48.340	ng	93
68) Hexachlorobenzene	11.063	284	166651	48.454	ng	# 94
69) Atrazine	11.157	200	147510	58.131	ng	98
70) Pentachlorophenol	11.263	266	175091	98.887	ng	99
71) Phenanthrene	11.486	178	648953	47.104	ng	100
72) Anthracene	11.539	178	670079	49.992	ng	99
73) Carbazole	11.692	167	549166	50.194	ng	99
74) Di-n-butylphthalate	12.022	149	717205	53.433	ng	100
75) Fluoranthene	12.680	202	695599	49.032	ng	99
77) Benzidine	12.798	184	236611	56.611	ng	99
78) Pyrene	12.910	202	710237	46.174	ng	99
80) Butylbenzylphthalate	13.527	149	264009	59.310	ng	94
81) Benzo(a)anthracene	14.104	228	558823	49.606	ng	100
82) 3,3'-Dichlorobenzidine	14.063	252	78934	24.628	ng	99
83) Chrysene	14.139	228	515608	48.144	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	359808	58.617	ng	# 99
85) Di-n-octyl phthalate	14.704	149	513682	51.294	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	455307	42.017	ng	100
88) Benzo(b)fluoranthene	15.174	252	466027	53.253	ng	99
89) Benzo(k)fluoranthene	15.210	252	429177	46.986	ng	98
90) Benzo(a)pyrene	15.557	252	381206	51.043	ng	100
91) Dibenzo(a,h)anthracene	17.186	278	385979	43.279	ng	98
92) Benzo(g,h,i)perylene	17.633	276	377740	42.143	ng	99

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

