

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131574.D
 Acq On : 09 Dec 2022 19:13
 Operator : CG\JU
 Sample : N5947-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYE-SOIL-1208MSD

Quant Time: Dec 10 04:03:18 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	63025	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	227979	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	135021	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	256721	20.000	ng	0.00
76) Chrysene-d12	14.110	240	162633	20.000	ng	# 0.00
86) Perylene-d12	15.621	264	134434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	421042	111.451	ng	0.02
7) Phenol-d6	6.540	99	541553	109.392	ng	0.00
23) Nitrobenzene-d5	7.481	82	386700	64.128	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	181134	120.746	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	687863	64.235	ng	0.00
79) Terphenyl-d14	13.051	244	776781	65.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	72377	42.444	ng	98
3) Pyridine	3.528	79	202154	42.700	ng	99
4) n-Nitrosodimethylamine	3.504	42	124044	47.508	ng	# 97
6) Aniline	6.575	93	239485	40.449	ng	100
8) 2-Chlorophenol	6.692	128	197167	49.248	ng	98
9) Benzaldehyde	6.457	77	109132	32.179	ng	91
10) Phenol	6.551	94	271335m	49.137	ng	
11) bis(2-Chloroethyl)ether	6.645	93	204359	49.370	ng	99
12) 1,3-Dichlorobenzene	6.851	146	219429	47.274	ng	97
13) 1,4-Dichlorobenzene	6.928	146	224507	47.952	ng	99
14) 1,2-Dichlorobenzene	7.081	146	216460	48.398	ng	98
15) Benzyl Alcohol	7.057	79	223871	49.326	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	259837	48.595	ng	99
17) 2-Methylphenol	7.163	107	178202	49.389	ng	98
18) Hexachloroethane	7.422	117	93055	49.270	ng	92
19) n-Nitroso-di-n-propyla...	7.328	70	183755	49.501	ng	99
20) 3+4-Methylphenols	7.316	107	241366	49.113	ng	95
22) Acetophenone	7.328	105	342332	47.917	ng	# 94
24) Nitrobenzene	7.498	77	278371	45.770	ng	97
25) Isophorone	7.739	82	486968	50.136	ng	99
26) 2-Nitrophenol	7.816	139	105909	51.064	ng	97
27) 2,4-Dimethylphenol	7.851	122	179776m	56.552	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	262129	52.169	ng	97
29) 2,4-Dichlorophenol	8.057	162	188512	47.959	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	219483	45.532	ng	99
31) Naphthalene	8.222	128	584833	45.546	ng	100
32) Benzoic acid	7.986	122	113782	49.422	ng	93
33) 4-Chloroaniline	8.269	127	90288	18.759	ng	99
34) Hexachlorobutadiene	8.334	225	153690	45.239	ng	99
35) Caprolactam	8.651	113	50071m	49.244	ng	
36) 4-Chloro-3-methylphenol	8.757	107	215078	48.728	ng	98
37) 2-Methylnaphthalene	8.916	142	411258	46.832	ng	99
38) 1-Methylnaphthalene	9.016	142	379236	44.987	ng	98
40) 1,2,4,5-Tetrachloroben...	9.081	216	245244	49.067	ng	97
41) Hexachlorocyclopentadiene	9.069	237	317385	125.105	ng	97
43) 2,4,6-Trichlorophenol	9.192	196	151573	49.028	ng	99

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44) 2,4,5-Trichlorophenol	9.233	196	161019	48.430	ng	# 93
46) 1,1'-Biphenyl	9.386	154	529283	49.579	ng	98
47) 2-Chloronaphthalene	9.410	162	413751	47.570	ng	99
48) 2-Nitroaniline	9.510	65	148049	48.051	ng	95
49) Acenaphthylene	9.828	152	621483	48.664	ng	99
50) Dimethylphthalate	9.692	163	502598	48.830	ng	100
51) 2,6-Dinitrotoluene	9.751	165	107000	50.355	ng	98
52) Acenaphthene	10.004	154	450863m	52.699	ng	
53) 3-Nitroaniline	9.922	138	59532	29.200	ng	95
54) 2,4-Dinitrophenol	10.028	184	103509	84.833	ng	90
55) Dibenzofuran	10.175	168	582776	48.210	ng	98
56) 4-Nitrophenol	10.086	139	155487	109.783	ng	91
57) 2,4-Dinitrotoluene	10.157	165	147568	52.352	ng	94
58) Fluorene	10.516	166	475095	48.345	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	135222m	48.029	ng	
60) Diethylphthalate	10.392	149	488109	49.417	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	266232	49.023	ng	94
62) 4-Nitroaniline	10.545	138	94306	46.679	ng	100
63) Azobenzene	10.669	77	530989	47.133	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	74472	45.801	ng	97
66) n-Nitrosodiphenylamine	10.627	169	397883	47.940	ng	97
67) 4-Bromophenyl-phenylether	10.998	248	156271	47.319	ng	# 90
68) Hexachlorobenzene	11.063	284	170441	47.713	ng	# 93
69) Atrazine	11.157	200	151715	57.564	ng	98
70) Pentachlorophenol	11.257	266	184597	100.378	ng	99
71) Phenanthrene	11.486	178	665573	46.513	ng	100
72) Anthracene	11.539	178	684087	49.138	ng	99
73) Carbazole	11.692	167	566070	49.815	ng	100
74) Di-n-butylphthalate	12.016	149	741610	53.197	ng	99
75) Fluoranthene	12.680	202	720388	48.890	ng	99
77) Benzidine	12.798	184	274392	62.969	ng	98
78) Pyrene	12.910	202	728179	45.408	ng	99
80) Butylbenzylphthalate	13.527	149	273937	59.027	ng	94
81) Benzo(a)anthracene	14.098	228	573225	48.807	ng	99
82) 3,3'-Dichlorobenzidine	14.063	252	78257	23.419	ng	97
83) Chrysene	14.139	228	540077	48.369	ng	97
84) Bis(2-ethylhexyl)phtha...	14.080	149	374730	58.559	ng	99
85) Di-n-octyl phthalate	14.704	149	537492	51.461	ng	100
87) Indeno(1,2,3-cd)pyrene	17.162	276	456096	41.572	ng	100
88) Benzo(b)fluoranthene	15.174	252	468613	52.889	ng	100
89) Benzo(k)fluoranthene	15.210	252	432626	46.780	ng	100
90) Benzo(a)pyrene	15.557	252	381184	50.412	ng	99
91) Dibenzo(a,h)anthracene	17.186	278	385245	42.665	ng	99
92) Benzo(g,h,i)perylene	17.633	276	378037	41.657	ng	99

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

