

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
 Data File : BF126918.D
 Acq On : 16 Feb 2022 18:06
 Operator : CG\JU
 Sample : M4068-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Feb 17 01:08:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/17/2022
 Supervised By : Jagrut Upadhyay 02/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	111332	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	443809	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	231161	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	416350	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	265799	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	191776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	731678	101.576	ng	0.00
7) Phenol-d6	6.551	99	1002326	103.122	ng	0.00
23) Nitrobenzene-d5	7.498	82	703740	71.573	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	286172	107.523	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1114854	71.000	ng	0.00
79) Terphenyl-d14	13.051	244	1242942	68.743	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	25495	7.735	ng	93
3) Pyridine	3.540	79	71136	8.228	ng	94
4) n-Nitrosodimethylamine	3.463	42	37151	8.772	ng	# 70
6) Aniline	6.598	93	122364	10.625	ng	98
8) 2-Chlorophenol	6.716	128	75354	9.750	ng	96
9) Benzaldehyde	6.487	77	67406	11.393	ng	98
10) Phenol	6.563	94	93727	9.543	ng	84
11) bis(2-Chloroethyl)ether	6.663	93	74776	9.707	ng	94
12) 1,3-Dichlorobenzene	6.869	146	79276	9.509	ng	99
13) 1,4-Dichlorobenzene	6.945	146	79622	9.420	ng	97
14) 1,2-Dichlorobenzene	7.104	146	74948	9.298	ng	97
15) Benzyl Alcohol	7.063	79	87030	10.628	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.198	45	113673	9.371	ng	98
17) 2-Methylphenol	7.169	107	66604	9.961	ng	96
18) Hexachloroethane	7.439	117	31066	9.589	ng	97
19) n-Nitroso-di-n-propyla...	7.334	70	64012	10.220	ng	99
20) 3+4-Methylphenols	7.322	107	87406	10.066	ng	# 72
22) Acetophenone	7.334	105	103226	8.834	ng	# 94
24) Nitrobenzene	7.510	77	93169	10.031	ng	93
25) Isophorone	7.745	82	174922	10.751	ng	98
26) 2-Nitrophenol	7.828	139	39281	9.933	ng	# 91
27) 2,4-Dimethylphenol	7.851	122	71265	10.969	ng	90
28) bis(2-Chloroethoxy)met...	7.957	93	97952	9.931	ng	99
29) 2,4-Dichlorophenol	8.063	162	60770	9.949	ng	97
30) 1,2,4-Trichlorobenzene	8.151	180	67454	9.878	ng	97
31) Naphthalene	8.234	128	236599	10.213	ng	99
32) Benzoic acid	7.928	122	37705	8.183	ng	89
33) 4-Chloroaniline	8.281	127	94527	10.366	ng	97
34) Hexachlorobutadiene	8.345	225	38371	9.625	ng	96
35) Caprolactam	8.622	113	18503	8.675	ng	# 85
36) 4-Chloro-3-methylphenol	8.751	107	78377	10.040	ng	99
37) 2-Methylnaphthalene	8.928	142	152974	10.176	ng	95
38) 1-Methylnaphthalene	9.028	142	148650	10.326	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	52049	8.554	ng	99
41) Hexachlorocyclopentadiene	9.075	237	36115	10.943	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	41453	9.288	ng	97

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44) 2,4,5-Trichlorophenol	9.233	196	44978	9.577	ng	95
46) 1,1'-Biphenyl	9.386	154	163128	8.907	ng	99
47) 2-Chloronaphthalene	9.416	162	135944	10.010	ng	95
48) 2-Nitroaniline	9.504	65	51059	9.527	ng	93
49) Acenaphthylene	9.833	152	240444	10.899	ng	98
50) Dimethylphthalate	9.680	163	165405	10.011	ng	100
51) 2,6-Dinitrotoluene	9.745	165	34849	10.367	ng	# 75
52) Acenaphthene	10.004	154	145948	10.172	ng	97
53) 3-Nitroaniline	9.916	138	38987	9.488	ng	98
54) 2,4-Dinitrophenol	10.022	184	12557m	7.057	ng	
55) Dibenzofuran	10.175	168	195999	9.935	ng	91
56) 4-Nitrophenol	10.063	139	37223	12.264	ng	89
57) 2,4-Dinitrotoluene	10.151	165	46982	10.336	ng	# 89
58) Fluorene	10.516	166	159766	10.396	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	34277	9.206	ng	96
60) Diethylphthalate	10.380	149	177742	10.295	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	72184	9.962	ng	99
62) 4-Nitroaniline	10.527	138	37979	9.359	ng	# 85
63) Azobenzene	10.669	77	187329	9.744	ng	95
65) 4,6-Dinitro-2-methylph...	10.557	198	18428	7.533	ng	95
66) n-Nitrosodiphenylamine	10.627	169	134669	9.864	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	44903	9.653	ng	# 89
68) Hexachlorobenzene	11.063	284	49876	9.959	ng	# 95
69) Atrazine	11.145	200	35243	8.323	ng	97
70) Pentachlorophenol	11.257	266	29197	10.680	ng	96
71) Phenanthrene	11.486	178	232846	9.992	ng	99
72) Anthracene	11.533	178	238677	10.288	ng	99
73) Carbazole	11.686	167	204750	9.624	ng	100
74) Di-n-butylphthalate	12.016	149	269123	9.840	ng	100
75) Fluoranthene	12.674	202	220963	9.986	ng	95
77) Benzidine	12.792	184	81505m	11.284	ng	
78) Pyrene	12.904	202	226238	9.797	ng	99
80) Butylbenzylphthalate	13.516	149	99347	9.088	ng	92
81) Benzo(a)anthracene	14.092	228	173938	9.707	ng	99
82) 3,3'-Dichlorobenzidine	14.051	252	46206	8.182	ng	97
83) Chrysene	14.127	228	161125	9.562	ng	98
84) Bis(2-ethylhexyl)phtha...	14.074	149	132355	9.222	ng	# 99
85) Di-n-octyl phthalate	14.686	149	190731	9.230	ng	98
87) Indeno(1,2,3-cd)pyrene	17.133	276	115669	9.198	ng	# 89
88) Benzo(b)fluoranthene	15.157	252	137864	10.703	ng	# 95
89) Benzo(k)fluoranthene	15.186	252	126020	10.144	ng	# 95
90) Benzo(a)pyrene	15.539	252	117579	11.687	ng	# 95
91) Dibenzo(a,h)anthracene	17.151	278	99926	9.608	ng	# 93
92) Benzo(g,h,i)perylene	17.598	276	96060	9.369	ng	# 87

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

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