

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127308.D
 Acq On : 11 Mar 2022 19:14
 Operator : CG\JU
 Sample : N1645-02
 Misc : LOQ-SOIL-10 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 12 03:25:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 12 03:23:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/14/2022
 Supervised By : Jagrut Upadhyay 03/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	133514	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	479684	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	282296	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	496062	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	372400	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	280555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	642571	77.368	ng	0.00
7) Phenol-d6	6.504	99	908287	79.498	ng	0.00
23) Nitrobenzene-d5	7.434	82	680754	58.609	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	240554	79.158	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1150582	57.623	ng	0.00
79) Terphenyl-d14	12.992	244	1288691	59.588	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	29001	6.734	ng	# 82
3) Pyridine	3.469	79	76895	6.710	ng	# 78
4) n-Nitrosodimethylamine	3.387	42	44473	7.004	ng	# 66
6) Aniline	6.534	93	127122	9.310	ng	97
8) 2-Chlorophenol	6.657	128	70001	8.147	ng	96
9) Benzaldehyde	6.422	77	70890	10.644	ng	95
10) Phenol	6.516	94	103541	8.250	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	79454	8.525	ng	90
12) 1,3-Dichlorobenzene	6.810	146	80318	8.328	ng	98
13) 1,4-Dichlorobenzene	6.886	146	82312	8.507	ng	98
14) 1,2-Dichlorobenzene	7.039	146	75289	8.268	ng	96
15) Benzyl Alcohol	7.010	79	69357	8.099	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.139	45	143185	8.186	ng	99
17) 2-Methylphenol	7.116	107	62795	8.597	ng	# 92
18) Hexachloroethane	7.375	117	30232	8.134	ng	# 83
19) n-Nitroso-di-n-propyla...	7.275	70	62025	8.699	ng	93
20) 3+4-Methylphenols	7.275	107	78505	8.287	ng	# 59
22) Acetophenone	7.275	105	110462	8.411	ng	# 90
24) Nitrobenzene	7.451	77	90945	8.278	ng	97
25) Isophorone	7.686	82	164093	8.786	ng	99
26) 2-Nitrophenol	7.769	139	36848	8.099	ng	# 88
27) 2,4-Dimethylphenol	7.798	122	65052	9.525	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	101659	8.590	ng	97
29) 2,4-Dichlorophenol	8.010	162	63465	8.114	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	74668	8.374	ng	97
31) Naphthalene	8.175	128	223908	8.750	ng	99
32) Benzoic acid	7.892	122	16072m	3.792	ng	
33) 4-Chloroaniline	8.222	127	88162	8.889	ng	95
34) Hexachlorobutadiene	8.281	225	46328	7.791	ng	97
35) Caprolactam	8.569	113	18906	8.091	ng	# 77
36) 4-Chloro-3-methylphenol	8.704	107	70335	8.297	ng	97
37) 2-Methylnaphthalene	8.863	142	149646	8.950	ng	97
38) 1-Methylnaphthalene	8.963	142	139471	8.677	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	75998	8.504	ng	# 93
41) Hexachlorocyclopentadiene	9.010	237	20048	6.384	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	42187	7.480	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	43199m	7.217	ng	
46) 1,1'-Biphenyl	9.328	154	188323	8.839	ng	97
47) 2-Chloronaphthalene	9.351	162	142825	8.612	ng	99
48) 2-Nitroaniline	9.451	65	50935	7.982	ng	91
49) Acenaphthylene	9.769	152	233483	9.199	ng	98
50) Dimethylphthalate	9.622	163	165561	8.185	ng	99
51) 2,6-Dinitrotoluene	9.692	165	35500	8.676	ng	94
52) Acenaphthene	9.939	154	128251	8.477	ng	94
53) 3-Nitroaniline	9.863	138	37345	8.375	ng	98
54) 2,4-Dinitrophenol	9.980	184	8632	4.281	ng	88
55) Dibenzofuran	10.110	168	199775	8.500	ng	98
56) 4-Nitrophenol	10.033	139	18677	6.891	ng	83
57) 2,4-Dinitrotoluene	10.098	165	45305	8.415	ng	# 94
58) Fluorene	10.457	166	156430	8.583	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	35956	7.228	ng	# 79
60) Diethylphthalate	10.322	149	151660	8.219	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	82834	8.386	ng	89
62) 4-Nitroaniline	10.474	138	34615	7.790	ng	84
63) Azobenzene	10.610	77	174681	8.236	ng	91
65) 4,6-Dinitro-2-methylph...	10.510	198	20038	6.551	ng	88
66) n-Nitrosodiphenylamine	10.569	169	133873	8.690	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	49691	8.310	ng	92
68) Hexachlorobenzene	11.004	284	53822	8.259	ng	# 90
69) Atrazine	11.092	200	49020	9.221	ng	94
70) Pentachlorophenol	11.204	266	14296	5.433	ng	96
71) Phenanthrene	11.421	178	225128	8.597	ng	100
72) Anthracene	11.474	178	225835	8.708	ng	99
73) Carbazole	11.633	167	200864	8.225	ng	97
74) Di-n-butylphthalate	11.951	149	241473	8.454	ng	100
75) Fluoranthene	12.616	202	246978	8.435	ng	93
77) Benzidine	12.739	184	117190	12.375	ng	98
78) Pyrene	12.845	202	249210	8.592	ng	100
80) Butylbenzylphthalate	13.457	149	89713	8.036	ng	# 90
81) Benzo(a)anthracene	14.033	228	204197	8.144	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	69386	8.900	ng	# 94
83) Chrysene	14.074	228	189386	8.120	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	124861	8.309	ng	# 97
85) Di-n-octyl phthalate	14.627	149	181371	7.974	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.033	276	124704	7.378	ng	# 86
88) Benzo(b)fluoranthene	15.092	252	165527	8.988	ng	# 91
89) Benzo(k)fluoranthene	15.121	252	145706	8.415	ng	# 93
90) Benzo(a)pyrene	15.468	252	139218	9.600	ng	# 92
91) Dibenzo(a,h)anthracene	17.045	278	111515	7.928	ng	# 91
92) Benzo(g,h,i)perylene	17.486	276	104313	7.602	ng	# 86

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

Manual Integrations

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