

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
 Data File : BF131298.D
 Acq On : 18 Nov 2022 15:22
 Operator : CG\JU
 Sample : N4955-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

Quant Time: Nov 21 01:25:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 00:46:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 11/21/2022
 Supervised By : Jagrut Upadhyay 11/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	83049	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	310210	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	186515	20.000	ng	0.00
64) Phenanthrene-d10	11.521	188	342327	20.000	ng	0.00
76) Chrysene-d12	14.174	240	226876	20.000	ng	0.00
86) Perylene-d12	15.715	264	169327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	388909	85.712	ng	0.00
7) Phenol-d6	6.581	99	484252	84.187	ng	0.00
23) Nitrobenzene-d5	7.533	82	365833	62.996	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	138064	83.153	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	761037	58.277	ng	0.00
79) Terphenyl-d14	13.115	244	855389	56.357	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	17834	8.501	ng	99
3) Pyridine	3.551	79	42489	7.269	ng	93
4) n-Nitrosodimethylamine	3.481	42	27393	7.553	ng	91
6) Aniline	6.628	93	66414	9.225	ng	99
8) 2-Chlorophenol	6.751	128	43430	8.647	ng	94
9) Benzaldehyde	6.516	77	39729	9.514	ng	96
10) Phenol	6.592	94	51622	8.108	ng	94
11) bis(2-Chloroethyl)ether	6.698	93	44113	8.608	ng	96
12) 1,3-Dichlorobenzene	6.910	146	51149	8.560	ng	95
13) 1,4-Dichlorobenzene	6.986	146	51993	8.558	ng	93
14) 1,2-Dichlorobenzene	7.139	146	48224	8.528	ng	97
15) Benzyl Alcohol	7.128	79	29421	6.005	ng	# 74
16) 2,2'-oxybis(1-Chloropr...	7.239	45	85405	8.802	ng	98
17) 2-Methylphenol	7.204	107	34841	7.935	ng	96
18) Hexachloroethane	7.486	117	18612	8.616	ng	96
19) n-Nitroso-di-n-propyla...	7.369	70	34890	8.433	ng	98
20) 3+4-Methylphenols	7.357	107	48413	8.633	ng	90
22) Acetophenone	7.375	105	68447	8.350	ng	# 99
24) Nitrobenzene	7.551	77	51534	8.767	ng	96
25) Isophorone	7.786	82	94358	8.510	ng	99
26) 2-Nitrophenol	7.869	139	15440	8.293	ng	99
27) 2,4-Dimethylphenol	7.898	122	40107	9.201	ng	99
28) bis(2-Chloroethoxy)met...	7.998	93	56665	9.150	ng	99
29) 2,4-Dichlorophenol	8.104	162	37925	8.124	ng	98
30) 1,2,4-Trichlorobenzene	8.198	180	45631	7.873	ng	94
31) Naphthalene	8.280	128	134709	8.008	ng	99
32) Benzoic acid	7.963	122	25638m	9.832	ng	
33) 4-Chloroaniline	8.322	127	55266	8.458	ng	96
34) Hexachlorobutadiene	8.398	225	30549	7.976	ng	99
35) Caprolactam	8.657	113	11416	8.783	ng	97
36) 4-Chloro-3-methylphenol	8.798	107	40850	8.119	ng	93
37) 2-Methylnaphthalene	8.975	142	93953	8.287	ng	98
38) 1-Methylnaphthalene	9.075	142	89083	8.109	ng	99
40) 1,2,4,5-Tetrachloroben...	9.139	216	50857	8.334	ng	98
41) Hexachlorocyclopentadiene	9.127	237	21593	8.179	ng	99
43) 2,4,6-Trichlorophenol	9.245	196	20719	5.710	ng	96

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44) 2,4,5-Trichlorophenol	9.280	196	33284	8.419	ng	97
46) 1,1'-Biphenyl	9.439	154	122858	8.530	ng	100
47) 2-Chloronaphthalene	9.463	162	93315	8.070	ng	98
48) 2-Nitroaniline	9.557	65	25253	7.900	ng	99
49) Acenaphthylene	9.886	152	143206	8.107	ng	99
50) Dimethylphthalate	9.733	163	108381	8.025	ng	99
51) 2,6-Dinitrotoluene	9.798	165	18560	8.366	ng	98
52) Acenaphthene	10.057	154	87737	7.961	ng	97
53) 3-Nitroaniline	9.969	138	19131	8.148	ng	90
54) 2,4-Dinitrophenol	10.069	184	8100	10.365	ng	# 84
55) Dibenzofuran	10.227	168	128846	8.062	ng	97
56) 4-Nitrophenol	10.110	139	12264	6.942	ng	89
57) 2,4-Dinitrotoluene	10.198	165	21503	8.016	ng	99
58) Fluorene	10.574	166	104923	8.267	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.339	232	24262	7.245	ng	97
60) Diethylphthalate	10.439	149	107986	8.381	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	55221	8.582	ng	90
62) 4-Nitroaniline	10.580	138	18330	7.684	ng	94
63) Azobenzene	10.727	77	107837	8.058	ng	98
65) 4,6-Dinitro-2-methylph...	10.604	198	8780	7.398	ng	# 68
66) n-Nitrosodiphenylamine	10.680	169	88522	8.024	ng	98
67) 4-Bromophenyl-phenylether	11.063	248	33384	8.127	ng	# 89
68) Hexachlorobenzene	11.121	284	36592	8.211	ng	98
69) Atrazine	11.204	200	30031	8.533	ng	100
70) Pentachlorophenol	11.316	266	23480m	9.862	ng	
71) Phenanthrene	11.545	178	152951	8.080	ng	97
72) Anthracene	11.592	178	149785	8.092	ng	99
73) Carbazole	11.751	167	127219	8.175	ng	99
74) Di-n-butylphthalate	12.080	149	161067	8.572	ng	100
75) Fluoranthene	12.739	202	158063	8.047	ng	99
77) Benzidine	12.863	184	66579	12.974	ng	97
78) Pyrene	12.968	202	159677	7.315	ng	98
80) Butylbenzylphthalate	13.592	149	48837	7.396	ng	95
81) Benzo(a)anthracene	14.162	228	121420	7.591	ng	98
82) 3,3'-Dichlorobenzidine	14.127	252	37883	8.921	ng	95
83) Chrysene	14.198	228	116520	7.617	ng	99
84) Bis(2-ethylhexyl)phtha...	14.151	149	62500	8.131	ng	95
85) Di-n-octyl phthalate	14.780	149	79249	7.264	ng	99
87) Indeno(1,2,3-cd)pyrene	17.292	276	82737	6.443	ng	98
88) Benzo(b)fluoranthene	15.251	252	89985	7.896	ng	97
89) Benzo(k)fluoranthene	15.286	252	89863	7.715	ng	96
90) Benzo(a)pyrene	15.645	252	74672	7.981	ng	99
91) Dibenzo(a,h)anthracene	17.315	278	71577	6.773	ng	# 96
92) Benzo(g,h,i)perylene	17.768	276	72939	6.827	ng	98

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

