

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
 Data File : BF130346.D
 Acq On : 20 Sep 2022 16:07
 Operator : CG\JU
 Sample : N4700-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-SOILMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/21/2022
 Supervised By : Jagrut Upadhyay 09/21/2022

Quant Time: Sep 21 05:14:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	117035	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	461611	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	243321	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	387152	20.000	ng	0.00
76) Chrysene-d12	13.804	240	222179	20.000	ng	0.00
86) Perylene-d12	15.192	264	214968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	767001	113.670	ng	0.02
7) Phenol-d6	6.310	99	971105	115.021	ng	0.01
23) Nitrobenzene-d5	7.228	82	624781	69.147	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	304727	130.701	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1160733	69.466	ng	0.00
79) Terphenyl-d14	12.757	244	981545	73.181	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.381	88	109812	35.436	ng	97
3) Pyridine	3.063	79	214713m	26.561	ng	
4) n-Nitrosodimethylamine	3.016	42	164930	37.512	ng	97
6) Aniline	6.357	93	121143	11.645	ng	# 93
8) 2-Chlorophenol	6.445	128	354357	46.102	ng	96
9) Benzaldehyde	6.210	77	203729	36.024	ng	93
10) Phenol	6.322	94	413321	41.774	ng	97
11) bis(2-Chloroethyl)ether	6.404	93	328670	46.055	ng	90
12) 1,3-Dichlorobenzene	6.598	146	380974	45.045	ng	98
13) 1,4-Dichlorobenzene	6.675	146	387934	44.979	ng	99
14) 1,2-Dichlorobenzene	6.828	146	365952	45.421	ng	99
15) Benzyl Alcohol	6.816	79	264580	39.525	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.939	45	407063	39.108	ng	57
17) 2-Methylphenol	6.934	107	280502	44.892	ng	94
18) Hexachloroethane	7.169	117	150440	44.251	ng	98
19) n-Nitroso-di-n-propyla...	7.087	70	241528	42.395	ng	94
20) 3+4-Methylphenols	7.087	107	359839	44.332	ng	# 57
22) Acetophenone	7.075	105	504560	44.708	ng	92
24) Nitrobenzene	7.245	77	373413	40.701	ng	98
25) Isophorone	7.486	82	665989	45.731	ng	99
26) 2-Nitrophenol	7.563	139	188711	50.176	ng	91
27) 2,4-Dimethylphenol	7.610	122	310914	53.690	ng	96
28) bis(2-Chloroethoxy)met...	7.704	93	397900	48.523	ng	99
29) 2,4-Dichlorophenol	7.810	162	295889	46.627	ng	96
30) 1,2,4-Trichlorobenzene	7.886	180	307256	44.784	ng	96
31) Naphthalene	7.963	128	1022755	43.006	ng	99
32) Benzoic acid	7.757	122	205954	45.990	ng	91
33) 4-Chloroaniline	8.075	127	158091	17.478	ng	93
34) Hexachlorobutadiene	8.081	225	197584	45.062	ng	100
35) Caprolactam	8.410	113	91926m	50.530	ng	
36) 4-Chloro-3-methylphenol	8.516	107	325831	46.323	ng	98
37) 2-Methylnaphthalene	8.657	142	669864	44.178	ng	97
38) 1-Methylnaphthalene	8.757	142	641710	44.055	ng	98
40) 1,2,4,5-Tetrachloroben...	8.822	216	308460	46.452	ng	99
41) Hexachlorocyclopentadiene	8.810	237	402063	113.092	ng	98
43) 2,4,6-Trichlorophenol	8.939	196	212350	45.821	ng	95

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44) 2,4,5-Trichlorophenol	8.980	196	228099	45.611	ng	97
46) 1,1'-Biphenyl	9.122	154	827259	45.523	ng	99
47) 2-Chloronaphthalene	9.145	162	648913	44.143	ng	98
48) 2-Nitroaniline	9.245	65	200860	40.967	ng	95
49) Acenaphthylene	9.557	152	981495	44.531	ng	99
50) Dimethylphthalate	9.433	163	763172	45.406	ng	98
51) 2,6-Dinitrotoluene	9.492	165	165444	47.067	ng	# 82
52) Acenaphthene	9.728	154	714491m	49.338	ng	
53) 3-Nitroaniline	9.663	138	131400	33.548	ng	94
54) 2,4-Dinitrophenol	9.769	184	186591	96.459	ng	# 83
55) Dibenzofuran	9.904	168	877566	43.567	ng	96
56) 4-Nitrophenol	9.839	139	253066	88.707	ng	# 81
57) 2,4-Dinitrotoluene	9.892	165	217938	48.513	ng	93
58) Fluorene	10.245	166	715008	43.405	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.022	232	174401	44.554	ng	94
60) Diethylphthalate	10.128	149	753651	44.715	ng	99
61) 4-Chlorophenyl-phenyle...	10.239	204	329968	45.661	ng	95
62) 4-Nitroaniline	10.275	138	153080	38.905	ng	97
63) Azobenzene	10.398	77	677500	39.037	ng	95
65) 4,6-Dinitro-2-methylph...	10.298	198	114009	52.901	ng	82
66) n-Nitrosodiphenylamine	10.363	169	599416	46.332	ng	99
67) 4-Bromophenyl-phenylether	10.727	248	211136	49.436	ng	91
68) Hexachlorobenzene	10.786	284	233988	48.331	ng	96
69) Atrazine	10.892	200	185863	49.160	ng	97
70) Pentachlorophenol	10.986	266	245416	94.452	ng	99
71) Phenanthrene	11.204	178	1068030	49.136	ng	99
72) Anthracene	11.251	178	962448	45.883	ng	100
73) Carbazole	11.410	167	833682	44.039	ng	99
74) Di-n-butylphthalate	11.745	149	1087032	47.618	ng	99
75) Fluoranthene	12.386	202	1086050	51.707	ng	97
78) Pyrene	12.610	202	1072132	55.161	ng	99
80) Butylbenzylphthalate	13.239	149	371323	51.570	ng	92
81) Benzo(a)anthracene	13.792	228	767100	51.900	ng	99
82) 3,3'-Dichlorobenzidine	13.763	252	193318	48.049	ng	100
83) Chrysene	13.833	228	724020	51.590	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	505186	61.253	ng	# 98
85) Di-n-octyl phthalate	14.410	149	742410	58.853	ng	96
87) Indeno(1,2,3-cd)pyrene	16.527	276	726869	47.681	ng	98
88) Benzo(b)fluoranthene	14.810	252	811736	57.854	ng	98
89) Benzo(k)fluoranthene	14.833	252	650306	47.116	ng	99
90) Benzo(a)pyrene	15.139	252	660050	59.379	ng	99
91) Dibenzo(a,h)anthracene	16.545	278	597030	47.741	ng	97
92) Benzo(g,h,i)perylene	16.927	276	607657	48.236	ng	99

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

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