

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130450.D
 Acq On : 28 Sep 2022 16:13
 Operator : CG\JU
 Sample : N4815-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

Quant Time: Sep 29 02:15:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	108744	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	420014	20.000	ng	0.00
39) Acenaphthene-d10	9.681	164	209366	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	313546	20.000	ng	0.00
76) Chrysene-d12	13.792	240	192260	20.000	ng	# 0.00
86) Perylene-d12	15.180	264	232086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	791832	126.297	ng	0.01
7) Phenol-d6	6.298	99	966455	123.198	ng	0.00
23) Nitrobenzene-d5	7.216	82	609374	74.121	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	250561	124.898	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	1192519	82.943	ng	0.00
79) Terphenyl-d14	12.745	244	949543	81.812	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.310	88	100677	34.965	ng	95
3) Pyridine	2.987	79	262224	34.911	ng	93
4) n-Nitrosodimethylamine	2.952	42	154773	37.886	ng	92
6) Aniline	6.310	93	334414	34.598	ng	# 17
8) 2-Chlorophenol	6.434	128	355284	49.746	ng	92
9) Benzaldehyde	6.193	77	194475	37.009	ng	96
10) Phenol	6.310	94	423411	46.057	ng	82
11) bis(2-Chloroethyl)ether	6.393	93	322235	48.596	ng	91
12) 1,3-Dichlorobenzene	6.587	146	391070	49.764	ng	95
13) 1,4-Dichlorobenzene	6.663	146	395580	49.363	ng	99
14) 1,2-Dichlorobenzene	6.816	146	374280	49.997	ng	97
15) Benzyl Alcohol	6.798	79	218027	35.054	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.928	45	391297	40.459	ng	74
17) 2-Methylphenol	6.916	107	305529	52.626	ng	95
18) Hexachloroethane	7.157	117	150932	47.780	ng	93
19) n-Nitroso-di-n-propyla...	7.075	70	230590	43.561	ng	89
20) 3+4-Methylphenols	7.069	107	353579	46.882	ng	# 77
22) Acetophenone	7.063	105	499461	48.639	ng	# 91
24) Nitrobenzene	7.234	77	355836	42.626	ng	93
25) Isophorone	7.475	82	625573	47.210	ng	97
26) 2-Nitrophenol	7.551	139	186475	54.492	ng	# 86
27) 2,4-Dimethylphenol	7.598	122	279232	52.994	ng	95
28) bis(2-Chloroethoxy)met...	7.687	93	382558	51.272	ng	100
29) 2,4-Dichlorophenol	7.792	162	287623	49.813	ng	96
30) 1,2,4-Trichlorobenzene	7.875	180	307593	49.273	ng	94
31) Naphthalene	7.951	128	995096	45.987	ng	100
32) Benzoic acid	7.687	122	36285	8.905	ng	92
33) 4-Chloroaniline	8.004	127	197469	23.994	ng	96
34) Hexachlorobutadiene	8.069	225	196664	49.294	ng	98
35) Caprolactam	8.387	113	73470m	44.385	ng	
36) 4-Chloro-3-methylphenol	8.498	107	302723	47.300	ng	100
37) 2-Methylnaphthalene	8.639	142	645026	46.753	ng	100
38) 1-Methylnaphthalene	8.739	142	612159	46.188	ng	99
40) 1,2,4,5-Tetrachloroben...	8.810	216	303811	53.172	ng	98
41) Hexachlorocyclopentadiene	8.792	237	344683	112.676	ng	99
43) 2,4,6-Trichlorophenol	8.922	196	184489	46.265	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130450.D
 Acq On : 28 Sep 2022 16:13
 Operator : CG\JU
 Sample : N4815-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

Quant Time: Sep 29 02:15:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	204237	47.463	ng	96
46) 1,1'-Biphenyl	9.110	154	784563	50.175	ng	98
47) 2-Chloronaphthalene	9.128	162	615409	48.653	ng	99
48) 2-Nitroaniline	9.234	65	178062	42.207	ng	87
49) Acenaphthylene	9.545	152	898352	47.369	ng	100
50) Dimethylphthalate	9.416	163	701175	48.484	ng	99
51) 2,6-Dinitrotoluene	9.475	165	156443	51.724	ng	85
52) Acenaphthene	9.716	154	593986m	47.669	ng	
53) 3-Nitroaniline	9.639	138	111888	33.199	ng	93
54) 2,4-Dinitrophenol	9.751	184	73463	47.529	ng	# 83
55) Dibenzofuran	9.886	168	817319	47.157	ng	96
56) 4-Nitrophenol	9.816	139	192660	78.486	ng	87
57) 2,4-Dinitrotoluene	9.875	165	201513	52.132	ng	90
58) Fluorene	10.228	166	644732	45.486	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.004	232	137709	40.886	ng	90
60) Diethylphthalate	10.110	149	666412	45.951	ng	98
61) 4-Chlorophenyl-phenyle...	10.222	204	307105	49.390	ng	96
62) 4-Nitroaniline	10.257	138	146332	43.221	ng	89
63) Azobenzene	10.381	77	592418	39.670	ng	96
65) 4,6-Dinitro-2-methylph...	10.281	198	67194	38.498	ng	98
66) n-Nitrosodiphenylamine	10.345	169	543970	51.917	ng	99
67) 4-Bromophenyl-phenylether	10.710	248	192304	55.597	ng	93
68) Hexachlorobenzene	10.769	284	212892	54.296	ng	98
69) Atrazine	10.875	200	167729	54.778	ng	96
70) Pentachlorophenol	10.969	266	144275	68.562	ng	98
71) Phenanthrene	11.186	178	834296	47.393	ng	99
72) Anthracene	11.233	178	825423	48.589	ng	99
73) Carbazole	11.398	167	727033	47.421	ng	98
74) Di-n-butylphthalate	11.728	149	892539	48.277	ng	99
75) Fluoranthene	12.369	202	720243	42.341	ng	97
77) Benzidine	12.498	184	279968	50.163	ng	99
78) Pyrene	12.592	202	711109	42.280	ng	99
80) Butylbenzylphthalate	13.222	149	310745	49.873	ng	93
81) Benzo(a)anthracene	13.780	228	626519	48.985	ng	100
82) 3,3'-Dichlorobenzidine	13.751	252	128759	36.983	ng	# 98
83) Chrysene	13.816	228	592647	48.801	ng	100
84) Bis(2-ethylhexyl)phtha...	13.780	149	423952	59.403	ng	98
85) Di-n-octyl phthalate	14.392	149	762555	69.857	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.510	276	911903	55.407	ng	98
88) Benzo(b)fluoranthene	14.792	252	734010	48.455	ng	99
89) Benzo(k)fluoranthene	14.821	252	710615	47.688	ng	99
90) Benzo(a)pyrene	15.127	252	652729	54.390	ng	# 98
91) Dibenzo(a,h)anthracene	16.527	278	788527	58.403	ng	98
92) Benzo(g,h,i)perylene	16.915	276	772580	56.804	ng	98

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

