

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135405.D
 Acq On : 22 Sep 2023 18:06
 Operator : CG\JU
 Sample : 04474-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-2313-SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

Quant Time: Sep 23 04:56:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	151046	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	570887	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	272545	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	467179	20.000	ng	0.00
76) Chrysene-d12	13.945	240	220816	20.000	ng	0.00
86) Perylene-d12	15.409	264	161924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1140001	122.754	ng	0.02
7) Phenol-d6	6.410	99	1344992	113.897	ng	0.00
23) Nitrobenzene-d5	7.328	82	983978	93.642	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	299961	110.751	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1558687	86.284	ng	-0.01
79) Terphenyl-d14	12.880	244	1224787	85.984	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	189145	46.460	ng	# 79
3) Pyridine	3.404	79	231402	21.119	ng	95
4) n-Nitrosodimethylamine	3.334	42	296285	50.957	ng	94
6) Aniline	6.434	93	59231	3.825	ng	# 1
8) 2-Chlorophenol	6.551	128	487963	49.221	ng	97
9) Benzaldehyde	6.316	77	110677	16.452	ng	99
10) Phenol	6.428	94	520329	40.183	ng	85
11) bis(2-Chloroethyl)ether	6.504	93	496626	51.130	ng	99
12) 1,3-Dichlorobenzene	6.698	146	454651	45.125	ng	100
13) 1,4-Dichlorobenzene	6.775	146	464610	45.325	ng	98
14) 1,2-Dichlorobenzene	6.928	146	442388	46.473	ng	98
15) Benzyl Alcohol	6.910	79	234596	27.685	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.039	45	879539	48.041	ng	88
17) 2-Methylphenol	7.028	107	374756	42.836	ng	# 93
18) Hexachloroethane	7.263	117	175992	46.466	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	318603	43.559	ng	96
20) 3+4-Methylphenols	7.181	107	431258	40.995	ng	# 83
22) Acetophenone	7.169	105	623087	47.739	ng	# 93
24) Nitrobenzene	7.345	77	511205	49.221	ng	99
25) Isophorone	7.586	82	950564	49.264	ng	99
26) 2-Nitrophenol	7.657	139	257774	51.713	ng	99
27) 2,4-Dimethylphenol	7.704	122	379395	45.281	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	534027	46.241	ng	100
29) 2,4-Dichlorophenol	7.904	162	379167	48.838	ng	98
30) 1,2,4-Trichlorobenzene	7.980	180	394719	48.641	ng	100
31) Naphthalene	8.057	128	1324749	47.760	ng	99
32) Benzoic acid	7.845	122	294313	46.648	ng	99
33) 4-Chloroaniline	8.128	127	26663	2.191	ng	96
34) Hexachlorobutadiene	8.169	225	218553	44.665	ng	99
35) Caprolactam	8.492	113	103082m	39.561	ng	
36) 4-Chloro-3-methylphenol	8.610	107	396151	45.910	ng	96
37) 2-Methylnaphthalene	8.751	142	830739	44.555	ng	99
38) 1-Methylnaphthalene	8.851	142	802337	45.963	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	394370	49.946	ng	98
41) Hexachlorocyclopentadiene	8.898	237	243307	70.862	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	258616	50.025	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135405.D
 Acq On : 22 Sep 2023 18:06
 Operator : CG\JU
 Sample : 04474-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-2313-SOILMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

Quant Time: Sep 23 04:56:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	270635	45.458	ng	98
46) 1,1'-Biphenyl	9.216	154	1030936	49.222	ng	98
47) 2-Chloronaphthalene	9.245	162	783767	51.575	ng	99
48) 2-Nitroaniline	9.345	65	209825	35.541	ng	98
49) Acenaphthylene	9.657	152	1212724	48.018	ng	99
50) Dimethylphthalate	9.527	163	937851	50.896	ng	100
51) 2,6-Dinitrotoluene	9.592	165	202309	50.117	ng	92
52) Acenaphthene	9.827	154	721701	48.373	ng	97
53) 3-Nitroaniline	9.763	138	24075	5.081	ng	# 92
54) 2,4-Dinitrophenol	9.880	184	177891	77.812	ng	87
55) Dibenzofuran	10.004	168	1031207	45.294	ng	98
56) 4-Nitrophenol	9.939	139	205150	68.122	ng	98
57) 2,4-Dinitrotoluene	9.998	165	227542	45.026	ng	# 82
58) Fluorene	10.351	166	802321	45.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	214825	46.908	ng	98
60) Diethylphthalate	10.227	149	896634	48.485	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	374986	44.601	ng	97
62) 4-Nitroaniline	10.374	138	69656	15.293	ng	91
63) Azobenzene	10.498	77	857876	47.399	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	118844	47.895	ng	93
66) n-Nitrosodiphenylamine	10.457	169	271787	19.216	ng	98
67) 4-Bromophenyl-phenylether	10.833	248	240708	51.805	ng	98
68) Hexachlorobenzene	10.898	284	253565	53.566	ng	97
69) Atrazine	10.986	200	8179	2.149	ng	96
70) Pentachlorophenol	11.098	266	230371	81.342	ng	99
71) Phenanthrene	11.316	178	1122487	50.801	ng	99
72) Anthracene	11.363	178	1131977	49.841	ng	99
73) Carbazole	11.521	167	318039	15.383	ng	97
74) Di-n-butylphthalate	11.857	149	1324522	54.367	ng	99
75) Fluoranthene	12.504	202	1029154	44.700	ng	97
77) Benzidine	12.651	184	9240	2.043	ng	# 80
78) Pyrene	12.739	202	999152	47.526	ng	100
80) Butylbenzylphthalate	13.362	149	423961	57.277	ng	99
81) Benzo(a)anthracene	13.933	228	736005	51.618	ng	99
83) Chrysene	13.968	228	755342	53.282	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	516498	67.998	ng	# 99
85) Di-n-octyl phthalate	14.539	149	939076	77.796	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	821492	77.377	ng	95
88) Benzo(b)fluoranthene	14.986	252	853654	97.388	ng	98
89) Benzo(k)fluoranthene	15.015	252	748843m	86.484	ng	
90) Benzo(a)pyrene	15.351	252	665994	79.673	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	741817	85.395	ng	98
92) Benzo(g,h,i)perylene	17.339	276	614106	67.690	ng	94

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

Manual Integrations APPROVED

Quant Time: Sep 23 04:56:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

