

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
 Data File : BP011708.D
 Acq On : 15 Sep 2022 12:51
 Operator : CG/JU
 Sample : N3980-01
 Misc : LOD-MDL-SOIL-4NG
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Sep 15 13:27:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 13:27:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	372910	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1486733	20.000	ng	# 0.00
39) Acenaphthene-d10	14.581	164	838207	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1640476	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	1524706	20.000	ng	# 0.00
86) Perylene-d12	23.868	264	1467156	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2125800	103.762	ng	0.00
7) Phenol-d6	7.093	99	2764578	101.231	ng	0.00
23) Nitrobenzene-d5	9.104	82	1860416	74.214	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	653530	99.787	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	4155688	77.066	ng	0.00
79) Terphenyl-d14	19.886	244	5439724	77.583	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	36997	4.101	ng	# 81
3) Pyridine	3.799	79	67317	2.588	ng	83
4) n-Nitrosodimethylamine	3.699	42	34645	3.474	ng	# 47
6) Aniline	7.263	93	128114	3.808	ng	92
8) 2-Chlorophenol	7.499	128	88369	3.638	ng	94
9) Benzaldehyde	7.075	77	79896	4.570	ng	98
10) Phenol	7.122	94	111726	3.637	ng	86
11) bis(2-Chloroethyl)ether	7.358	93	94071	3.844	ng	90
12) 1,3-Dichlorobenzene	7.828	146	99910m	3.709	ng	
13) 1,4-Dichlorobenzene	7.975	146	101614	3.709	ng	96
14) 1,2-Dichlorobenzene	8.293	146	97879	3.748	ng	97
15) Benzyl Alcohol	8.181	79	63663	3.265	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.475	45	125377	3.836	ng	92
17) 2-Methylphenol	8.381	107	62618	3.140	ng	92
18) Hexachloroethane	9.028	117	34301	3.620	ng	95
19) n-Nitroso-di-n-propyla...	8.746	70	57607	3.258	ng	# 87
20) 3+4-Methylphenols	8.710	107	81169	2.963	ng	92
22) Acetophenone	8.763	105	125529	3.602	ng	# 90
24) Nitrobenzene	9.146	77	101182	3.879	ng	91
25) Isophorone	9.675	82	145378	3.278	ng	95
26) 2-Nitrophenol	9.857	139	26074	2.437	ng	# 86
27) 2,4-Dimethylphenol	9.916	122	66500	3.587	ng	88
28) bis(2-Chloroethoxy)met...	10.157	93	110343	3.891	ng	98
29) 2,4-Dichlorophenol	10.393	162	59585	2.901	ng	96
30) 1,2,4-Trichlorobenzene	10.610	180	79715	3.506	ng	97
31) Naphthalene	10.799	128	279547	3.623	ng	100
32) Benzoic acid	9.975	122	12637	0.911	ng	# 83
33) 4-Chloroaniline	10.910	127	98401	3.251	ng	92
34) Hexachlorobutadiene	11.087	225	43214	3.450	ng	96
35) Caprolactam	11.681	113	13055	1.962	ng	90
36) 4-Chloro-3-methylphenol	12.028	107	63319	2.867	ng	94
37) 2-Methylnaphthalene	12.404	142	176624	3.421	ng	96
38) 1-Methylnaphthalene	12.622	142	170412	3.376	ng	97
40) 1,2,4,5-Tetrachloroben...	12.769	216	80307	3.630	ng	# 96
41) Hexachlorocyclopentadiene	12.751	237	42295	3.830	ng	95
43) 2,4,6-Trichlorophenol	13.010	196	40125	2.666	ng	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
 Data File : BP011708.D
 Acq On : 15 Sep 2022 12:51
 Operator : CG/JU
 Sample : N3980-01
 Misc : LOD-MDL-SOIL-4NG
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Sep 15 13:27:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 13:27:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/16/2022
 Supervised By : Jagrut Upadhyay 09/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	46094	2.740	ng	99
46) 1,1'-Biphenyl	13.416	154	240416	3.943	ng	99
47) 2-Chloronaphthalene	13.457	162	175080	3.649	ng	100
48) 2-Nitroaniline	13.657	65	34106	2.535	ng	99
49) Acenaphthylene	14.298	152	231868	3.123	ng	100
50) Dimethylphthalate	14.034	163	198504	3.395	ng	99
51) 2,6-Dinitrotoluene	14.151	165	29697	2.504	ng	90
52) Acenaphthene	14.640	154	167112	3.384	ng	95
53) 3-Nitroaniline	14.481	138	30505	2.231	ng	# 96
54) 2,4-Dinitrophenol	14.681	184	8866	1.535	ng	96
55) Dibenzofuran	14.975	168	259626	3.651	ng	98
56) 4-Nitrophenol	14.781	139	20691	1.796	ng	# 80
57) 2,4-Dinitrotoluene	14.934	165	33014	2.149	ng	96
58) Fluorene	15.628	166	201375	3.491	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.198	232	35801	2.590	ng	95
60) Diethylphthalate	15.398	149	191039	3.281	ng	98
61) 4-Chlorophenyl-phenyle...	15.622	204	93935	3.523	ng	99
62) 4-Nitroaniline	15.639	138	29262	2.129	ng	# 79
63) Azobenzene	15.916	77	164290	2.937	ng	92
65) 4,6-Dinitro-2-methylph...	15.698	198	13384	1.668	ng	92
66) n-Nitrosodiphenylamine	15.834	169	158663	3.251	ng	98
67) 4-Bromophenyl-phenylether	16.522	248	50105	3.263	ng	98
68) Hexachlorobenzene	16.634	284	55572	3.360	ng	93
69) Atrazine	16.786	200	45880	3.079	ng	97
70) Pentachlorophenol	16.981	266	22133	2.109	ng	98
71) Phenanthrene	17.375	178	317051	3.552	ng	98
72) Anthracene	17.463	178	280970	3.328	ng	98
73) Carbazole	17.733	167	255085	3.203	ng	100
74) Di-n-butylphthalate	18.286	149	263537	2.745	ng	99
75) Fluoranthene	19.333	202	313994	3.262	ng	94
77) Benzidine	19.516	184	101623	2.803	ng	98
78) Pyrene	19.686	202	332480	3.233	ng	99
80) Butylbenzylphthalate	20.563	149	100596	2.334	ng	96
81) Benzo(a)anthracene	21.398	228	322110	3.278	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	92451	3.097	ng	# 98
83) Chrysene	21.451	228	330470	3.520	ng	100
84) Bis(2-ethylhexyl)phtha...	21.322	149	147717	2.383	ng	# 99
85) Di-n-octyl phthalate	22.263	149	231982	2.181	ng	96
87) Indeno(1,2,3-cd)pyrene	26.427	276	313167	2.963	ng	# 89
88) Benzo(b)fluoranthene	23.110	252	317190	3.496	ng	# 96
89) Benzo(k)fluoranthene	23.163	252	308062	3.369	ng	# 94
90) Benzo(a)pyrene	23.757	252	246145	3.284	ng	# 92
91) Dibenzo(a,h)anthracene	26.445	278	286315	3.262	ng	# 92
92) Benzo(g,h,i)perylene	27.209	276	280629	3.280	ng	# 91

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

