

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
 Data File : BP012672.D
 Acq On : 18 Nov 2022 14:39
 Operator : CG/JU
 Sample : N4955-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 21 03:40:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 03:25:56 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	8.046	152	250539	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	1075610	20.000	ng	0.00
39) Acenaphthene-d10	14.681	164	714619	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	1591854	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1664711	20.000	ng	0.00
86) Perylene-d12	24.057	264	1609162	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1408633	101.611	ng	0.00
7) Phenol-d6	7.187	99	1966618	101.860	ng	0.00
23) Nitrobenzene-d5	9.210	82	1525823	89.192	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	908431	111.081	ng	0.00
45) 2-Fluorobiphenyl	13.310	172	4063283	85.554	ng	0.00
79) Terphenyl-d14	19.986	244	6664260	86.495	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	54393	9.770	ng	99
3) Pyridine	3.858	79	146493	8.335	ng	97
4) n-Nitrosodimethylamine	3.769	42	70701	9.420	ng	# 86
6) Aniline	7.363	93	237725	9.774	ng	99
8) 2-Chlorophenol	7.605	128	169425	9.897	ng	100
9) Benzaldehyde	7.175	77	155441	13.805	ng	99
10) Phenol	7.216	94	208875	9.603	ng	99
11) bis(2-Chloroethyl)ether	7.463	93	178545	10.305	ng	98
12) 1,3-Dichlorobenzene	7.934	146	197287	10.385	ng	99
13) 1,4-Dichlorobenzene	8.081	146	206143	10.642	ng	99
14) 1,2-Dichlorobenzene	8.405	146	199800	10.748	ng	99
15) Benzyl Alcohol	8.281	79	123094	8.557	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.587	45	261821	10.710	ng	99
17) 2-Methylphenol	8.481	107	140715	9.329	ng	99
18) Hexachloroethane	9.140	117	70782	10.935	ng	98
19) n-Nitroso-di-n-propyla...	8.852	70	119362	9.096	ng	96
20) 3+4-Methylphenols	8.805	107	183381	8.679	ng	99
22) Acetophenone	8.869	105	291546	10.859	ng	# 99
24) Nitrobenzene	9.257	77	201281	10.896	ng	98
25) Isophorone	9.781	82	392320	10.195	ng	99
26) 2-Nitrophenol	9.969	139	62753	7.834	ng	96
27) 2,4-Dimethylphenol	10.022	122	151993	10.054	ng	99
28) bis(2-Chloroethoxy)met...	10.269	93	244743	11.182	ng	99
29) 2,4-Dichlorophenol	10.504	162	160925	9.159	ng	100
30) 1,2,4-Trichlorobenzene	10.728	180	192930	10.230	ng	98
31) Naphthalene	10.916	128	606877	10.263	ng	99
32) Benzoic acid	10.081	122	52326m	4.421	ng	
33) 4-Chloroaniline	11.022	127	227022	9.215	ng	98
34) Hexachlorobutadiene	11.204	225	119431	10.718	ng	99
35) Caprolactam	11.769	113	44719m	7.816	ng	
36) 4-Chloro-3-methylphenol	12.128	107	167871	8.901	ng	99
37) 2-Methylnaphthalene	12.516	142	431264	10.199	ng	99
38) 1-Methylnaphthalene	12.734	142	414810	9.983	ng	98
40) 1,2,4,5-Tetrachloroben...	12.881	216	230085	11.039	ng	100
41) Hexachlorocyclopentadiene	12.863	237	97607	12.313	ng	95
43) 2,4,6-Trichlorophenol	13.110	196	135996	9.165	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
 Data File : BP012672.D
 Acq On : 18 Nov 2022 14:39
 Operator : CG/JU
 Sample : N4955-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 21 03:40:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 03:25:56 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)
44) 2,4,5-Trichlorophenol	13.181	196	147388	8.977	ng	98
46) 1,1'-Biphenyl	13.522	154	588307	11.009	ng	99
47) 2-Chloronaphthalene	13.563	162	449265	10.588	ng	99
48) 2-Nitroaniline	13.757	65	60095	7.077	ng	94
49) Acenaphthylene	14.404	152	711259	10.270	ng	100
50) Dimethylphthalate	14.134	163	544689	9.677	ng	100
51) 2,6-Dinitrotoluene	14.251	165	86973	8.811	ng	95
52) Acenaphthene	14.745	154	441315	9.985	ng	96
53) 3-Nitroaniline	14.575	138	84994	7.519	ng	95
54) 2,4-Dinitrophenol	14.781	184	29459	5.375	ng	94
55) Dibenzofuran	15.081	168	708428	10.618	ng	97
56) 4-Nitrophenol	14.863	139	79627	7.525	ng	92
57) 2,4-Dinitrotoluene	15.034	165	104755	7.979	ng	93
58) Fluorene	15.728	166	574265	10.935	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.298	232	133961	9.064	ng	99
60) Diethylphthalate	15.498	149	511676	9.241	ng	99
61) 4-Chlorophenyl-phenyle...	15.728	204	280433	11.110	ng	96
62) 4-Nitroaniline	15.734	138	79360	7.177	ng	94
63) Azobenzene	16.016	77	534193	10.560	ng	97
65) 4,6-Dinitro-2-methylph...	15.792	198	41376	5.293	ng	88
66) n-Nitrosodiphenylamine	15.939	169	458161	9.658	ng	99
67) 4-Bromophenyl-phenylether	16.622	248	157808	9.481	ng	98
68) Hexachlorobenzene	16.733	284	201875	10.458	ng	97
69) Atrazine	16.892	200	117992	9.439	ng	98
70) Pentachlorophenol	17.081	266	108177	8.634	ng	97
71) Phenanthrene	17.481	178	929033	10.289	ng	99
72) Anthracene	17.569	178	908167	10.425	ng	99
73) Carbazole	17.833	167	829189	10.022	ng	100
74) Di-n-butylphthalate	18.392	149	667268	7.736	ng	98
75) Fluoranthene	19.433	202	1077814	10.076	ng	98
77) Benzidine	19.610	184	168503	7.363	ng	98
78) Pyrene	19.786	202	1112397	9.456	ng	99
80) Butylbenzylphthalate	20.663	149	108368	5.104	ng	99
81) Benzo(a)anthracene	21.504	228	1116279	9.565	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	175408	5.971	ng	99
83) Chrysene	21.563	228	1077927	9.740	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	190580	4.953	ng	99
85) Di-n-octyl phthalate	22.410	149	339565	4.171	ng	# 84
87) Indeno(1,2,3-cd)pyrene	26.715	276	1059835	9.047	ng	99
88) Benzo(b)fluoranthene	23.280	252	1064091	9.988	ng	99
89) Benzo(k)fluoranthene	23.327	252	1093319	10.329	ng	99
90) Benzo(a)pyrene	23.939	252	874954	9.897	ng	99
91) Dibenzo(a,h)anthracene	26.739	278	949632	9.803	ng	99
92) Benzo(g,h,i)perylene	27.527	276	897642	9.540	ng	99

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

