

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
 Data File : BP012675.D
 Acq On : 18 Nov 2022 17:31
 Operator : CG/JU
 Sample : N4955-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 21 03:51:23 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	8.040	152	339123	20.000	ng	0.00
21) Naphthalene-d8	10.857	136	1605390	20.000	ng	0.00
39) Acenaphthene-d10	14.675	164	1128923	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	2608033	20.000	ng	0.00
76) Chrysene-d12	21.510	240	2865553	20.000	ng	-0.01
86) Perylene-d12	24.039	264	2905038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1315103	70.084	ng	0.00
7) Phenol-d6	7.187	99	1893314	72.448	ng	0.00
23) Nitrobenzene-d5	9.205	82	1477445	57.864	ng	0.00
42) 2,4,6-Tribromophenol	16.163	330	921884	71.357	ng	0.00
45) 2-Fluorobiphenyl	13.304	172	4037891	53.818	ng	0.00
79) Terphenyl-d14	19.975	244	6828842	51.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	64693	8.585	ng	98
3) Pyridine	3.852	79	179942	7.564	ng	98
4) n-Nitrosodimethylamine	3.764	42	87282	8.592	ng	# 91
6) Aniline	7.358	93	309443	9.399	ng	98
8) 2-Chlorophenol	7.599	128	211535	9.130	ng	99
9) Benzaldehyde	7.169	77	194536	12.764	ng	98
10) Phenol	7.211	94	266492	9.052	ng	97
11) bis(2-Chloroethyl)ether	7.458	93	225843	9.630	ng	99
12) 1,3-Dichlorobenzene	7.928	146	243948	9.487	ng	98
13) 1,4-Dichlorobenzene	8.075	146	250528	9.555	ng	99
14) 1,2-Dichlorobenzene	8.399	146	247693	9.844	ng	99
15) Benzyl Alcohol	8.275	79	164871	8.467	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.575	45	333407	10.075	ng	98
17) 2-Methylphenol	8.475	107	179848	8.809	ng	99
18) Hexachloroethane	9.134	117	110225	12.580	ng	96
19) n-Nitroso-di-n-propyla...	8.846	70	161284	9.080	ng	97
20) 3+4-Methylphenols	8.799	107	247358	8.648	ng	98
22) Acetophenone	8.863	105	374912	9.356	ng	# 98
24) Nitrobenzene	9.246	77	257163	9.327	ng	96
25) Isophorone	9.775	82	567296	9.877	ng	98
26) 2-Nitrophenol	9.963	139	88936	7.439	ng	99
27) 2,4-Dimethylphenol	10.016	122	191370	8.482	ng	98
28) bis(2-Chloroethoxy)met...	10.263	93	318256	9.743	ng	99
29) 2,4-Dichlorophenol	10.493	162	217474	8.293	ng	97
30) 1,2,4-Trichlorobenzene	10.716	180	251787	8.945	ng	99
31) Naphthalene	10.910	128	779648	8.834	ng	99
32) Benzoic acid	10.093	122	121889m	6.900	ng	
33) 4-Chloroaniline	11.010	127	310698	8.450	ng	99
34) Hexachlorobutadiene	11.199	225	177417	10.668	ng	97
35) Caprolactam	11.763	113	70644	8.273	ng	97
36) 4-Chloro-3-methylphenol	12.116	107	231479	8.223	ng	98
37) 2-Methylnaphthalene	12.510	142	568544	9.008	ng	99
38) 1-Methylnaphthalene	12.728	142	553831	8.930	ng	99
40) 1,2,4,5-Tetrachloroben...	12.875	216	310737	9.437	ng	99
41) Hexachlorocyclopentadiene	12.857	237	148151	11.830	ng	98
43) 2,4,6-Trichlorophenol	13.104	196	184911	7.888	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
 Data File : BP012675.D
 Acq On : 18 Nov 2022 17:31
 Operator : CG/JU
 Sample : N4955-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 21 03:51:23 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	13.169	196	209397	8.074	ng	98
46) 1,1'-Biphenyl	13.510	154	795604	9.424	ng	99
47) 2-Chloronaphthalene	13.551	162	601582	8.974	ng	99
48) 2-Nitroaniline	13.746	65	89896	6.701	ng	95
49) Acenaphthylene	14.398	152	969304	8.860	ng	100
50) Dimethylphthalate	14.128	163	746835	8.399	ng	100
51) 2,6-Dinitrotoluene	14.240	165	126173	8.091	ng	93
52) Acenaphthene	14.740	154	628987	9.009	ng	99
53) 3-Nitroaniline	14.569	138	125290	7.016	ng	98
54) 2,4-Dinitrophenol	14.769	184	61108	7.058	ng	98
55) Dibenzofuran	15.069	168	985508	9.350	ng	97
56) 4-Nitrophenol	14.857	139	120150	7.188	ng	96
57) 2,4-Dinitrotoluene	15.022	165	160605	7.743	ng	89
58) Fluorene	15.722	166	816479	9.842	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.292	232	194586	8.334	ng	# 98
60) Diethylphthalate	15.492	149	775004	8.860	ng	99
61) 4-Chlorophenyl-phenyle...	15.716	204	416559	10.446	ng	96
62) 4-Nitroaniline	15.728	138	120957	6.924	ng	95
63) Azobenzene	16.010	77	733444	9.178	ng	99
65) 4,6-Dinitro-2-methylph...	15.787	198	84106	6.567	ng	96
66) n-Nitrosodiphenylamine	15.928	169	649702	8.359	ng	99
67) 4-Bromophenyl-phenylether	16.616	248	247384	9.072	ng	96
68) Hexachlorobenzene	16.728	284	340142	10.755	ng	98
69) Atrazine	16.881	200	191867	9.369	ng	99
70) Pentachlorophenol	17.069	266	171480	8.354	ng	97
71) Phenanthrene	17.469	178	1428693	9.658	ng	99
72) Anthracene	17.563	178	1435157	10.055	ng	98
73) Carbazole	17.822	167	1224583	9.034	ng	99
74) Di-n-butylphthalate	18.381	149	1240811	8.780	ng	99
75) Fluoranthene	19.428	202	1956481	11.163	ng	99
77) Benzidine	19.604	184	250954	6.370	ng	98
78) Pyrene	19.780	202	2086038	10.301	ng	99
80) Butylbenzylphthalate	20.651	149	194384	5.318	ng	98
81) Benzo(a)anthracene	21.492	228	2240034	11.150	ng	99
82) 3,3'-Dichlorobenzidine	21.422	252	333113	6.588	ng	99
83) Chrysene	21.551	228	2129178	11.177	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	365451	5.517	ng	98
85) Di-n-octyl phthalate	22.398	149	701719	5.008	ng	98
87) Indeno(1,2,3-cd)pyrene	26.686	276	2361263	11.165	ng	100
88) Benzo(b)fluoranthene	23.263	252	2190755	11.391	ng	99
89) Benzo(k)fluoranthene	23.316	252	2327225	12.178	ng	100
90) Benzo(a)pyrene	23.921	252	2003683	12.554	ng	99
91) Dibenzo(a,h)anthracene	26.715	278	2098414	11.999	ng	99
92) Benzo(g,h,i)perylene	27.504	276	1915576	11.277	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
 Data File : BP012675.D
 Acq On : 18 Nov 2022 17:31
 Operator : CG/JU
 Sample : N4955-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 21 03:51:23 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

