

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011822\
 Data File : BM033766.D
 Acq On : 18 Jan 2022 16:35
 Operator : CG/JU
 Sample : IDOC-04-HM
 Misc : IDOC-SOIL-04
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-04-HM

Quant Time: Jan 19 04:20:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 17 16:30:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/19/2022
 Supervised By : Jagrut Upadhyay 01/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	194267	20.000	ng	0.00
21) Naphthalene-d8	10.766	136	840589	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	549579	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1093676	20.000	ng	0.00
76) Chrysene-d12	21.489	240	914154	20.000	ng	0.00
86) Perylene-d12	23.894	264	794723	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.501	112	1566992	135.537	ng	0.00
7) Phenol-d6	7.119	99	2023605	124.240	ng	0.00
23) Nitrobenzene-d5	9.119	82	1350746	79.079	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	833792	111.904	ng	0.00
45) 2-Fluorobiphenyl	13.224	172	3051099	78.103	ng	0.00
79) Terphenyl-d14	19.936	244	4306622	78.124	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	174307	38.585	ng	93
3) Pyridine	3.749	79	396495	30.391	ng	93
4) n-Nitrosodimethylamine	3.654	42	258073	42.173	ng	# 68
6) Aniline	7.272	93	703053	37.185	ng	96
8) 2-Chlorophenol	7.513	128	622716	46.493	ng	90
9) Benzaldehyde	7.078	77	349735	41.208	ng	92
10) Phenol	7.142	94	778781	47.675	ng	92
11) bis(2-Chloroethyl)ether	7.372	93	557594	42.442	ng	93
12) 1,3-Dichlorobenzene	7.842	146	617863	41.704	ng	96
13) 1,4-Dichlorobenzene	7.989	146	637514	41.825	ng	97
14) 1,2-Dichlorobenzene	8.307	146	620877	41.770	ng	99
15) Benzyl Alcohol	8.195	79	595966	43.271	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.489	45	810203	44.559	ng	98
17) 2-Methylphenol	8.401	107	536791	45.236	ng	94
18) Hexachloroethane	9.042	117	240230	42.623	ng	100
19) n-Nitroso-di-n-propyla...	8.772	70	471668	40.420	ng	# 90
20) 3+4-Methylphenols	8.731	107	737395	44.475	ng	94
22) Acetophenone	8.784	105	937858	42.258	ng	# 92
24) Nitrobenzene	9.160	77	703576	43.776	ng	93
25) Isophorone	9.695	82	1258219	41.826	ng	97
26) 2-Nitrophenol	9.878	139	334609	43.099	ng	# 84
27) 2,4-Dimethylphenol	9.942	122	594737	50.169	ng	95
28) bis(2-Chloroethoxy)met...	10.178	93	787836	41.104	ng	98
29) 2,4-Dichlorophenol	10.413	162	607229	44.799	ng	99
30) 1,2,4-Trichlorobenzene	10.630	180	599064	40.847	ng	97
31) Naphthalene	10.819	128	1896721	41.800	ng	99
32) Benzoic acid	10.095	122	417644	43.900	ng	# 86
33) 4-Chloroaniline	10.925	127	255286	13.520	ng	92
34) Hexachlorobutadiene	11.113	225	378581	39.391	ng	99
35) Caprolactam	11.719	113	194965m	40.392	ng	
36) 4-Chloro-3-methylphenol	12.054	107	722426	43.273	ng	98
37) 2-Methylnaphthalene	12.424	142	1396435	42.958	ng	98
38) 1-Methylnaphthalene	12.648	142	1285621	40.516	ng	99
40) 1,2,4,5-Tetrachloroben...	12.795	216	694824	43.691	ng	99
41) Hexachlorocyclopentadiene	12.783	237	996898	101.849	ng	100
43) 2,4,6-Trichlorophenol	13.030	196	484760	42.690	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011822\
 Data File : BM033766.D
 Acq On : 18 Jan 2022 16:35
 Operator : CG/JU
 Sample : IDOC-04-HM
 Misc : IDOC-SOIL-04
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 IDOC-04-HM

Quant Time: Jan 19 04:20:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 17 16:30:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/19/2022
 Supervised By : Jagrut Upadhyay 01/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	528182	43.193	ng	97
46) 1,1'-Biphenyl	13.430	154	1826335	43.909	ng	99
47) 2-Chloronaphthalene	13.471	162	1353909	42.659	ng	98
48) 2-Nitroaniline	13.666	65	460084	44.324	ng	87
49) Acenaphthylene	14.313	152	2208638	43.188	ng	99
50) Dimethylphthalate	14.054	163	1786280	41.253	ng	98
51) 2,6-Dinitrotoluene	14.166	165	388487	44.462	ng	89
52) Acenaphthene	14.654	154	1608081m	47.040	ng	
53) 3-Nitroaniline	14.489	138	189950	19.879	ng	89
54) 2,4-Dinitrophenol	14.695	184	426453	80.631	ng	88
55) Dibenzofuran	14.989	168	2070863	40.540	ng	96
56) 4-Nitrophenol	14.801	139	675176	86.107	ng	# 84
57) 2,4-Dinitrotoluene	14.948	165	542373	44.615	ng	# 84
58) Fluorene	15.636	166	1662938	41.303	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.213	232	457447	41.021	ng	99
60) Diethylphthalate	15.407	149	1875925	41.319	ng	99
61) 4-Chlorophenyl-phenyle...	15.630	204	844169	40.105	ng	96
62) 4-Nitroaniline	15.648	138	385384	38.402	ng	90
63) Azobenzene	15.918	77	1781596	42.680	ng	94
65) 4,6-Dinitro-2-methylph...	15.707	198	274480	38.317	ng	85
66) n-Nitrosodiphenylamine	15.842	169	1486094	43.660	ng	98
67) 4-Bromophenyl-phenylether	16.518	248	521204	41.944	ng	98
68) Hexachlorobenzene	16.642	284	578903	42.676	ng	94
69) Atrazine	16.789	200	548734	43.037	ng	99
70) Pentachlorophenol	16.977	266	749904	86.015	ng	98
71) Phenanthrene	17.371	178	2614470	42.941	ng	99
72) Anthracene	17.459	178	2669662	44.584	ng	99
73) Carbazole	17.724	167	2382942	40.775	ng	100
74) Di-n-butylphthalate	18.295	149	3129035	42.481	ng	99
75) Fluoranthene	19.377	202	2853422	41.855	ng	100
77) Benzidine	19.553	184	1020998	44.021	ng	100
78) Pyrene	19.736	202	2930161	43.386	ng	98
80) Butylbenzylphthalate	20.630	149	1326287	42.653	ng	92
81) Benzo(a)anthracene	21.477	228	2549235	42.133	ng	98
82) 3,3'-Dichlorobenzidine	21.406	252	535565	24.753	ng	97
83) Chrysene	21.530	228	2477805	42.874	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	1970053	43.845	ng	99
85) Di-n-octyl phthalate	22.330	149	3242753	44.914	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.412	276	2300463	43.539	ng	98
88) Benzo(b)fluoranthene	23.165	252	2397222	47.252	ng	99
89) Benzo(k)fluoranthene	23.212	252	2238370	44.056	ng	99
90) Benzo(a)pyrene	23.794	252	2179172	52.547	ng	98
91) Dibenzo(a,h)anthracene	26.429	278	1989427	44.573	ng	96
92) Benzo(g,h,i)perylene	27.188	276	1917033	45.137	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011822\
Data File : BM033766.D
Acq On : 18 Jan 2022 16:35
Operator : CG/JU
Sample : IDOC-04-HM
Misc : IDOC-SOIL-04
ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

IDOC-04-HM

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/19/2022
Supervised By : Jagrut Upadhyay 01/19/2022

Quant Time: Jan 19 04:20:17 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jan 17 16:30:56 2022

Response via : Initial Calibration

