Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011723\
Data File : BM038467.D
Acq On : 17 Jan 2023 16:53
Operator : CG/JU
Sample : N3980-02
Misc : LOQ-SOIL 10ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 19 04:50:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 03:06:05 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	65424	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	231618	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	145787	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	343021	20.000	ng		0.00
76) Chrysene-d12	21.527	240	384731	20.000	ng		0.00
86) Perylene-d12	23.944	264	463640	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	438460	102.229	ng		-0.01
7) Phenol-d6	7.140	99	542173	98.683	ng		0.00
23) Nitrobenzene-d5	9.151	82	395727	69.614	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	252408	102.416	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	781402	66.843	ng		0.00
79) Terphenyl-d14	19.968	244	1529399	74.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	17007	8.677	ng		98
3) Pyridine	3.810	79	40287m	7.105	ng		
4) n-Nitrosodimethylamine	3.710	42	28330	8.445	ng		88
6) Aniline	7.304	93	53979	7.778	ng		99
8) 2-Chlorophenol	7.540	128	35256	8.303	ng		98
9) Benzaldehyde	7.116	77	38934	10.597	ng		98
10) Phenol	7.169	94	48016	8.387	ng		97
11) bis(2-Chloroethyl)ether	7.398	93	35645	7.682	ng		89
12) 1,3-Dichlorobenzene	7.863	146	39254	8.629	ng		98
13) 1,4-Dichlorobenzene	8.010	146	40222	8.789	ng		99
14) 1,2-Dichlorobenzene	8.328	146	38210	8.539	ng		94
15) Benzyl Alcohol	8.222	79	35138	7.985	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.504	45	56830	8.785	ng		99
17) 2-Methylphenol	8.422	107	27696	7.162	ng		95
18) Hexachloroethane	9.051	117	16215	8.650	ng		87
19) n-Nitroso-di-n-propyla...	8.787	70	32180	8.069	ng		95
20) 3+4-Methylphenols	8.751	107	37682	7.258	ng		96
22) Acetophenone	8.810	105	58880	8.600	ng	#	95
24) Nitrobenzene	9.192	77	51577	8.587	ng		97
25) Isophorone	9.716	82	80462	7.991	ng		99
26) 2-Nitrophenol	9.904	139	16635	7.889	ng		95
27) 2,4-Dimethylphenol	9.957	122	25214	7.022	ng		99
28) bis(2-Chloroethoxy)met...	10.198	93	45076	7.960	ng		96
29) 2,4-Dichlorophenol	10.439	162	29529	7.444	ng		96
30) 1,2,4-Trichlorobenzene	10.651	180	36726	8.006	ng		99
31) Naphthalene	10.839	128	97097	7.910	ng		99
32) Benzoic acid	10.051	122	15903m	9.868	ng		
33) 4-Chloroaniline	10.957	127	40839	7.580	ng		99
34) Hexachlorobutadiene	11.110	225	26322	8.183	ng		95
35) Caprolactam	11.733	113	7648	6.822	ng		94
36) 4-Chloro-3-methylphenol	12.075	107	32718	7.565	ng		94
37) 2-Methylnaphthalene	12.439	142	65264	7.271	ng		98
38) 1-Methylnaphthalene	12.663	142	62071	7.366	ng		97
40) 1,2,4,5-Tetrachloroben...	12.810	216	43054	7.891	ng		98
41) Hexachlorocyclopentadiene	12.780	237	23104	7.447	ng		96
43) 2,4,6-Trichlorophenol	13.051	196	26357	7.641	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011723\
Data File : BM038467.D
Acq On : 17 Jan 2023 16:53
Operator : CG/JU
Sample : N3980-02
Misc : LOQ-SOIL 10ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/27/2023

Quant Time: Jan 19 04:50:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 03:06:05 2023
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.122	196	28777	7.076	ng		95
46)	1,1'-Biphenyl	13.445	154	89779	7.938	ng		96
47)	2-Chloronaphthalene	13.492	162	72813	8.179	ng		97
48)	2-Nitroaniline	13.704	65	22876	8.475	ng		96
49)	Acenaphthylene	14.333	152	106275	7.572	ng		99
50)	Dimethylphthalate	14.069	163	89152	7.546	ng	#	98
51)	2,6-Dinitrotoluene	14.198	165	17109	7.118	ng		94
52)	Acenaphthene	14.674	154	64429	7.554	ng		97
53)	3-Nitroaniline	14.527	138	15564	8.207	ng		85
54)	2,4-Dinitrophenol	14.739	184	9803	10.159	ng		91
55)	Dibenzofuran	15.010	168	109662	7.551	ng		97
56)	4-Nitrophenol	14.827	139	12432	9.306	ng	#	78
57)	2,4-Dinitrotoluene	14.980	165	23757	7.110	ng		95
58)	Fluorene	15.657	166	87469	7.209	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.151	232	26008	7.213	ng		96
60)	Diethylphthalate	15.421	149	90762	7.488	ng		97
61)	4-Chlorophenyl-phenyle...	15.645	204	48136	7.227	ng		100
62)	4-Nitroaniline	15.680	138	16459	8.431	ng		94
63)	Azobenzene	15.939	77	105153	7.885	ng		99
65)	4,6-Dinitro-2-methylph...	15.739	198	14115	6.064	ng		87
66)	n-Nitrosodiphenylamine	15.863	169	75786	7.530	ng		99
67)	4-Bromophenyl-phenylether	16.539	248	28976	7.303	ng		98
68)	Hexachlorobenzene	16.657	284	34864	7.847	ng		100
69)	Atrazine	16.810	200	29372	8.252	ng		97
70)	Pentachlorophenol	17.004	266	20319	6.264	ng		96
71)	Phenanthrene	17.392	178	144141	7.595	ng		98
72)	Anthracene	17.486	178	141925	7.277	ng		97
73)	Carbazole	17.757	167	129428	7.589	ng		98
74)	Di-n-butylphthalate	18.310	149	153530	7.579	ng		99
75)	Fluoranthene	19.404	202	173870	7.288	ng		97
77)	Benzidine	19.592	184	68009	8.068	ng		99
78)	Pyrene	19.768	202	191323	7.472	ng		99
80)	Butylbenzylphthalate	20.656	149	71793	7.671	ng		95
81)	Benzo(a)anthracene	21.509	228	213607	7.720	ng		98
82)	3,3'-Dichlorobenzidine	21.445	252	77566	8.706	ng	#	98
83)	Chrysene	21.562	228	202370	7.526	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.421	149	103223	7.673	ng		98
85)	Di-n-octyl phthalate	22.350	149	184120	7.778	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.468	276	244574	7.128	ng		98
88)	Benzo(b)fluoranthene	23.209	252	226659	7.884	ng		98
89)	Benzo(k)fluoranthene	23.256	252	216867	7.295	ng		99
90)	Benzo(a)pyrene	23.839	252	194960	6.910	ng		99
91)	Dibenzo(a,h)anthracene	26.480	278	217912	7.568	ng		98
92)	Benzo(g,h,i)perylene	27.244	276	217437	7.612	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011723\
Data File : BM038467.D
Acq On : 17 Jan 2023 16:53
Operator : CG/JU
Sample : N3980-02
Misc : LOQ-SOIL 10ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 19 04:50:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 03:06:05 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/27/2023