Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026683.D
Acq On : 07 Jul 2020 18:48
Operator : JU/CG
Sample : L2182-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:32 AM

Quant Time: Jul 08 08:50:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 16:22:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	81220	20.00	ng		0.00
21) Naphthalene-d8	10.09	136	362030	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	253005	20.00	ng		0.00
64) Phenanthrene-d10	16.75	188	584842	20.00	ng		0.00
76) Chrysene-d12	20.97	240	684918	20.00	ng		0.00
86) Perylene-d12	23.04	264	672673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.97	112	561070	115.78	ng		0.00
7) Phenol-d6	6.54	99	819932	106.20	ng		0.00
23) Nitrobenzene-d5	8.48	82	964998	113.72	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	451640	122.54	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	2184527	114.80	ng		0.00
79) Terphenyl-d14	19.42	244	4049829	116.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	9838	4.225	ng		97
3) Pyridine	3.37	79	17269m	2.593	ng		
4) n-Nitrosodimethylamine	3.28	42	13585	3.408	ng	#	89
6) Aniline	6.68	93	35304	3.726	ng		92
8) 2-Chlorophenol	6.90	128	21474	3.720	ng		97
9) Benzaldehyde	6.49	77	23123	5.396	ng		95
10) Phenol	6.56	94	27252	3.571	ng		93
11) bis(2-Chloroethyl)ether	6.78	93	22821	3.577	ng		95
12) 1,3-Dichlorobenzene	7.22	146	22866	3.644	ng		95
13) 1,4-Dichlorobenzene	7.36	146	23140	3.623	ng		95
14) 1,2-Dichlorobenzene	7.67	146	23091	3.629	ng		95
15) Benzyl Alcohol	7.59	79	20378	3.085	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.86	45	46451	3.527	ng		97
17) 2-Methylphenol	7.79	107	17164	2.960	ng		97
18) Hexachloroethane	8.38	117	9040	3.564	ng		93
19) n-Nitroso-di-n-propylamine	8.15	70	21325	3.320	ng		100
20) 3+4-Methylphenols	8.12	107	22781	2.857	ng		93
22) Acetophenone	8.16	105	38819	3.773	ng	#	97
24) Nitrobenzene	8.52	77	31973	3.582	ng		99
25) Isophorone	9.05	82	54321	3.338	ng		96
26) 2-Nitrophenol	9.23	139	9876	2.997	ng		99
27) 2,4-Dimethylphenol	9.31	122	18898	3.527	ng		98
28) bis(2-Chloroethoxy)methane	9.54	93	31514	3.506	ng		99
29) 2,4-Dichlorophenol	9.77	162	18427	3.123	ng		97
30) 1,2,4-Trichlorobenzene	9.96	180	23850	3.623	ng		96
31) Naphthalene	10.13	128	71974	3.574	ng		99
32) Benzoic acid	9.42	122	4420m	1.087	ng		
33) 4-Chloroaniline	10.27	127	27350	3.105	ng		99
34) Hexachlorobutadiene	10.42	225	14653	3.361	ng		99
35) Caprolactam	11.05	113	6960	3.330	ng	#	82
36) 4-Chloro-3-methylphenol	11.41	107	23923	3.208	ng		98
37) 2-Methylnaphthalene	11.76	142	53794	3.606	ng		95
38) 1-Methylnaphthalene	11.99	142	51360	3.594	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	29503	3.607	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026683.D
Acq On : 07 Jul 2020 18:48
Operator : JU/CG
Sample : L2182-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:32 AM

Quant Time: Jul 08 08:50:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 16:22:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	6802	1.743	ng		95
43) 2,4,6-Trichlorophenol	12.41	196	15570	2.906	ng		97
44) 2,4,5-Trichlorophenol	12.49	196	18293	2.906	ng		94
46) 1,1'-Biphenyl	12.81	154	79490	3.978	ng		99
47) 2-Chloronaphthalene	12.84	162	54238	3.360	ng		97
48) 2-Nitroaniline	13.07	65	17615	2.651	ng		96
49) Acenaphthylene	13.70	152	85746	3.322	ng		98
50) Dimethylphthalate	13.47	163	74562	3.445	ng		100
51) 2,6-Dinitrotoluene	13.59	165	14591	3.149	ng		91
52) Acenaphthene	14.06	154	54439	3.471	ng		98
53) 3-Nitroaniline	13.93	138	12013	2.492	ng		94
54) 2,4-Dinitrophenol	14.16	184	3497m	1.289	ng		
55) Dibenzofuran	14.40	168	90021	3.500	ng		96
56) 4-Nitrophenol	14.27	139	6753	1.785	ng		87
57) 2,4-Dinitrotoluene	14.39	165	18150	2.714	ng	#	74
58) Fluorene	15.05	166	70037	3.289	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.64	232	17107	3.111	ng		98
60) Diethylphthalate	14.85	149	77239	3.375	ng		98
61) 4-Chlorophenyl-phenylether	15.06	204	37487	3.249	ng		95
62) 4-Nitroaniline	15.10	138	10127	2.013	ng		87
63) Azobenzene	15.35	77	80956	3.221	ng		94
65) 4,6-Dinitro-2-methylphenol	15.17	198	7955	2.001	ng		94
66) n-Nitrosodiphenylamine	15.28	169	63023	3.391	ng		95
67) 4-Bromophenyl-phenylether	15.96	248	23306	3.202	ng		98
68) Hexachlorobenzene	16.06	284	26648	3.478	ng		96
69) Atrazine	16.25	200	24798	4.437	ng		98
70) Pentachlorophenol	16.42	266	10221	2.358	ng		96
71) Phenanthrene	16.79	178	120655	3.495	ng		98
72) Anthracene	16.89	178	114197	3.322	ng		99
73) Carbazole	17.17	167	99922	3.049	ng		96
74) Di-n-butylphthalate	17.75	149	128001	3.107	ng		99
75) Fluoranthene	18.82	202	145104	3.412	ng		98
77) Benzidine	19.03	184	53437	3.957	ng		98
78) Pyrene	19.19	202	153055	3.547	ng		99
80) Butylbenzylphthalate	20.13	149	58427	3.018	ng		97
81) Benzo(a)anthracene	20.95	228	162101	3.523	ng		99
82) 3,3'-Dichlorobenzidine	20.90	252	53912	3.692	ng		98
83) Chrysene	21.00	228	155860	3.481	ng		99
84) Bis(2-ethylhexyl)phthalate	20.91	149	94409	3.044	ng	#	99
85) Di-n-octyl phthalate	21.76	149	155417	2.931	ng		96
87) Indeno(1,2,3-cd)pyrene	25.04	276	156832	3.275	ng		99
88) Benzo(b)fluoranthene	22.43	252	153081	3.454	ng		98
89) Benzo(k)fluoranthene	22.47	252	161710	3.720	ng		100
90) Benzo(a)pyrene	22.95	252	139503	3.390	ng		99
91) Dibenzo(a,h)anthracene	25.05	278	131936	3.264	ng		98
92) Benzo(g,h,i)perylene	25.65	276	129148	3.467	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026683.D
Acq On : 07 Jul 2020 18:48
Operator : JU/CG
Sample : L2182-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 08 08:50:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 16:22:38 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:32 AM