Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110320\
Data File : BM027685.D
Acq On : 03 Nov 2020 11:57
Operator : JU/CG
Sample : L4214-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-03-QT4-2020

Quant Time: Nov 03 12:45:33 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:06:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.398	152	29901	20.00	ng		0.00
21) Naphthalene-d8	11.239	136	110011	20.00	ng		# 0.00
39) Acenaphthene-d10	15.010	164	68408	20.00	ng		0.00
64) Phenanthrene-d10	17.721	188	151557	20.00	ng		0.00
76) Chrysene-d12	21.827	240	151101	20.00	ng		0.00
86) Perylene-d12	24.280	264	154069	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.869	112	277321	146.54	ng		0.00
7) Phenol-d6	7.522	99	368659	138.61	ng		0.00
23) Nitrobenzene-d5	9.575	82	286187	118.68	ng		0.00
42) 2,4,6-Tribromophenol	16.474	330	137120	167.86	ng		0.00
45) 2-Fluorobiphenyl	13.651	172	579597	120.90	ng		0.00
79) Terphenyl-d14	20.286	244	889262	116.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.575	88	6376	7.85	ng	#	71
3) Pyridine	4.022	79	17420	7.48	ng	#	45
4) n-Nitrosodimethylamine	3.922	42	11583	8.02	ng	#	44
6) Aniline	7.698	93	25050	8.35	ng		95
8) 2-Chlorophenol	7.951	128	14931	7.86	ng		94
9) Benzaldehyde	7.510	77	16573	12.10	ng		90
10) Phenol	7.545	94	19590	7.79	ng		92
11) bis(2-Chloroethyl)ether	7.798	93	14821	7.68	ng	#	80
12) 1,3-Dichlorobenzene	8.287	146	17856	7.70	ng		93
13) 1,4-Dichlorobenzene	8.440	146	17744	7.61	ng		99
14) 1,2-Dichlorobenzene	8.763	146	17017	7.67	ng		97
15) Benzyl Alcohol	8.628	79	16602	7.80	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.928	45	23464	7.60	ng		73
17) 2-Methylphenol	8.828	107	13225	7.82	ng		98
18) Hexachloroethane	9.510	117	7143	7.74	ng		92
19) n-Nitroso-di-n-propyla...	9.204	70	13523	7.77	ng	#	66
20) 3+4-Methylphenols	9.157	107	17145	7.63	ng		97
22) Acetophenone	9.228	105	25856	8.28	ng	#	80
24) Nitrobenzene	9.616	77	22307	8.99	ng		96
25) Isophorone	10.139	82	35470	8.48	ng		99
26) 2-Nitrophenol	10.334	139	6400	7.84	ng	#	87
27) 2,4-Dimethylphenol	10.381	122	15814	9.87	ng		99
28) bis(2-Chloroethoxy)met...	10.622	93	20319	8.07	ng		95
29) 2,4-Dichlorophenol	10.869	162	13398	7.73	ng		97
30) 1,2,4-Trichlorobenzene	11.098	180	16499	7.81	ng		99
31) Naphthalene	11.292	128	48261	8.30	ng		98
32) Benzoic acid	10.422	122	4165	4.42	ng		96
33) 4-Chloroaniline	11.381	127	19930	7.79	ng		96
34) Hexachlorobutadiene	11.580	225	10971	8.01	ng		96
35) Caprolactam	12.104	113	4220	7.30	ng	#	51
36) 4-Chloro-3-methylphenol	12.469	107	15928	7.90	ng		93
37) 2-Methylnaphthalene	12.875	142	35334	8.57	ng		96
38) 1-Methylnaphthalene	13.086	142	32078	8.20	ng		95
40) 1,2,4,5-Tetrachloroben...	13.227	216	18618	8.61	ng	#	98
41) Hexachlorocyclopentadiene	13.216	237	11492	9.77	ng		88
43) 2,4,6-Trichlorophenol	13.457	196	10811	7.70	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110320\
Data File : BM027685.D
Acq On : 03 Nov 2020 11:57
Operator : JU/CG
Sample : L4214-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-03-QT4-2020

Quant Time: Nov 03 12:45:33 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:06:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	12203	8.11	ng	#	91
46) 1,1'-Biphenyl	13.857	154	44677	8.55	ng		98
47) 2-Chloronaphthalene	13.904	162	34598	7.99	ng		94
48) 2-Nitroaniline	14.086	65	10013	6.87	ng		99
49) Acenaphthylene	14.739	152	53418	8.17	ng		98
50) Dimethylphthalate	14.451	163	44008	8.03	ng		99
51) 2,6-Dinitrotoluene	14.563	165	8688	8.07	ng	#	78
52) Acenaphthene	15.074	154	34154	7.97	ng		98
53) 3-Nitroaniline	14.892	138	8524	6.98	ng	#	87
54) 2,4-Dinitrophenol	15.086	184	3412	7.50	ng	#	1
55) Dibenzofuran	15.404	168	53411	8.37	ng		95
56) 4-Nitrophenol	15.169	139	6978	7.05	ng	#	89
57) 2,4-Dinitrotoluene	15.339	165	10586	7.26	ng	#	78
58) Fluorene	16.045	166	43724	8.36	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.616	232	10561	8.00	ng		94
60) Diethylphthalate	15.792	149	44828	8.02	ng		97
61) 4-Chlorophenyl-phenyle...	16.033	204	22268	8.27	ng		94
62) 4-Nitroaniline	16.033	138	8855	6.40	ng		90
63) Azobenzene	16.321	77	48186	8.33	ng	#	83
65) 4,6-Dinitro-2-methylph...	16.092	198	5072	8.31	ng	#	76
66) n-Nitrosodiphenylamine	16.233	169	36975	8.08	ng		98
67) 4-Bromophenyl-phenylether	16.915	248	13127	8.10	ng	#	85
68) Hexachlorobenzene	17.033	284	15255	8.11	ng		93
69) Atrazine	17.162	200	12055	7.78	ng		98
70) Pentachlorophenol	17.368	266	7934	7.79	ng		97
71) Phenanthrene	17.768	178	69412	8.11	ng		97
72) Anthracene	17.857	178	69339	8.29	ng		97
73) Carbazole	18.109	167	62671	7.89	ng		96
74) Di-n-butylphthalate	18.651	149	71388	7.65	ng	#	98
75) Fluoranthene	19.739	202	80069	7.97	ng		98
77) Benzidine	19.903	184	37582	8.74	ng		97
78) Pyrene	20.098	202	83520	7.97	ng		98
80) Butylbenzylphthalate	20.950	149	28914	7.29	ng		92
81) Benzo(a)anthracene	21.809	228	81853	8.02	ng		97
82) 3,3'-Dichlorobenzidine	21.727	252	29553	8.44	ng		98
83) Chrysene	21.862	228	78311	7.96	ng		98
84) Bis(2-ethylhexyl)phtha...	21.709	149	45566	7.86	ng	#	94
85) Di-n-octyl phthalate	22.656	149	76956	7.86	ng	#	85
87) Indeno(1,2,3-cd)pyrene	26.815	276	87719	7.79	ng		97
88) Benzo(b)fluoranthene	23.527	252	80400	7.65	ng		100
89) Benzo(k)fluoranthene	23.580	252	81372	8.14	ng		99
90) Benzo(a)pyrene	24.168	252	72522	7.48	ng		98
91) Dibenzo(a,h)anthracene	26.832	278	72849	7.91	ng		99
92) Benzo(g,h,i)perylene	27.597	276	72628	8.06	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110320\
Data File : BM027685.D
Acq On : 03 Nov 2020 11:57
Operator : JU/CG
Sample : L4214-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

Quant Time: Nov 03 12:45:33 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:06:47 2020
Response via : Initial Calibration